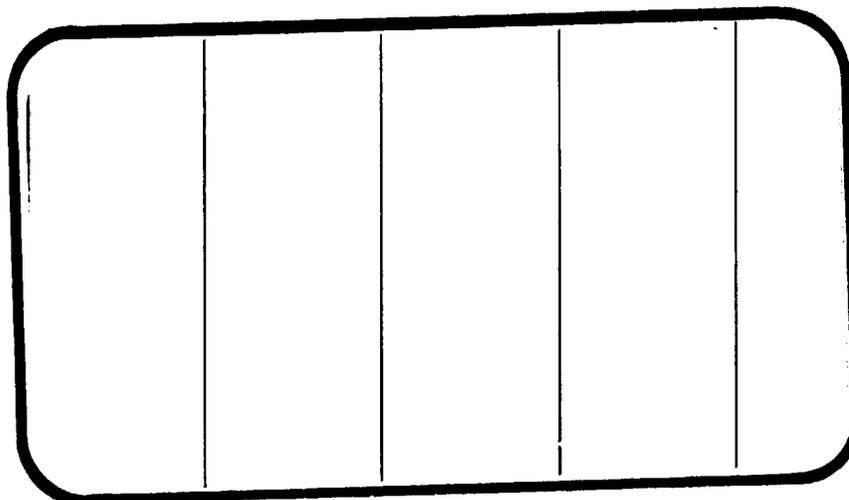




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(NASA-CR-141502) AIRLOADS INVESTIGATION OF AN 0.030-SCALE MODEL OF THE SPACE SHUTTLE VEHICLE 140 A/B LAUNCH CONFIGURATION (MODEL 47-OTS) IN THE ARC 11-FOOT UNITARY PLAN WIND TUNNEL FOR MACH RANGE 0.6 TO 1.4 (IA14A).

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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANAGEMENT services

SPACE DIVISION



CHRYSLER CORPORATION

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AIRLOADS INVESTIGATION OF AN 0.030-SCALE MODEL  
OF THE SPACE SHUTTLE VEHICLE  
140A/B LAUNCH CONFIGURATION (MODEL 47-OTS)  
IN THE ARC 11-FOOT UNITARY  
PLAN WIND TUNNEL FOR MACH RANGE 0.6 TO 1.4 (IA14A)

by

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Prepared under NASA Contract Number NAS9-13247

by

Data Management Services  
Chrysler Corporation Space Division

for

Engineering Analysis Division

Johnson Space Center  
National Aeronautics and Space Administration  
Houston, Texas

WIND TUNNEL SPECIFICS:

Test Number: ARC 11-716  
NASA Series No.: IA14A  
Model Number: 47-OTS  
Test Dates: 4 through 13 September 1973

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AIRLOADS INVESTIGATION OF AN 0.030-SCALE MODEL  
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PLAN WIND TUNNEL FOR MACH RANGE 0.6 TO 1.4 (IA14A)  
VOLUME 10

By R. L. Gillins, Rockwell International Space Division

ABSTRACT

This report presents results of tests conducted on an 0.030-scale launch configuration model of the Space Shuttle Vehicle 140A/B in the NASA/ARC 11-Foot Unitary Plan Wind Tunnel. Aerodynamic loads data were obtained at Mach numbers from 0.6 to 1.4.

Surface pressure distributions were obtained simultaneously with six-component stability and control force data on the complete launch configuration. The configuration consisted of the orbiter, an external tank, two solid rocket boosters, and associated intercomponent attach hardware. Angles of attack and sideslip from -10 degrees to +10 degrees were investigated. The tests, designated IA14A, were conducted from 4 September 1973 through 13 September 1973.

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## INTRODUCTION

The 0.030-scale aero loads Space Shuttle Model was tested in the ARC Unitary Plan Wind Tunnels as follows:

IA14A	4 thru 13 Sept. 1973
IA14B	17 thru 19 Sept. 1973
OA22A	13 thru 14 Sept. 1973
OA22B	19 thru 20 Sept. 1973

For tests IA14B, OA22A, and OA22B, see reference 34, 35, and 36, respectively.

The testing was conducted in the 11-foot and the 9- by 7-foot tunnels of the ARC Unitary Plan Wind Tunnels. The IA14A/B tests were for the launch configurations at Mach numbers from 0.6 to 2.2. The OA22A/B tests were for the orbiter alone configuration at Mach numbers from 0.6 to 2.2. The effects of control surface deflections were also investigated in tests OA22A/B.

This report for test IA14A consists of one volume of force data and ten volumes of pressure data for a total of eleven volumes arrayed in the following manner:

Volume No.	Contents	Page
1.	IA14A force data	
2.	IA14A plotted pressure data	
3.	IA14A tabulated pressure data	
	(a) Orbiter fuselage (B)	1-725
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NOMENCLATURE  
General

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
$C_p$	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; $V/a$
p		pressure; $N/m^2$ , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$ , $N/m^2$ , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
$\alpha$	ALPHA	angle of attack, degrees
$\beta$	BETA	angle of sideslip, degrees
$\psi$	PSI	angle of yaw, degrees
$\phi$	PHI	angle of roll, degrees
$\rho$		mass density; $kg/m^3$ , slugs/ft <sup>3</sup>

Reference & C.G. Definitions

$A_b$		base area; $m^2$ , $ft^2$
b	BREF	reference span; m, ft
c.g.		center of gravity
$\bar{c}$		reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; $m^2$ , $ft^2$
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
$\infty$	free stream

NOMENCLATURE (Continued)

Body-Axis System

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
$C_N$	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
$C_A$	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
$C_Y$	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
$C_{A_b}$	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(P_b - P_\infty)/qS$
$C_{A_f}$	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
$C_m$	CIM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS_{REF}}$
$C_n$	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS_b}$
$C_l$	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS_b}$

Stability-Axis System

$C_L$	CL	lift coefficient; $\frac{\text{lift}}{qS}$
$C_D$	CD	drag coefficient; $\frac{\text{drag}}{qS}$
$C_{D_b}$	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
$C_{D_f}$	CDF	forebody drag coefficient; $C_D - C_{D_b}$
$C_Y$	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
$C_m$	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS_{REF}}$
$C_n$	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS_b}$
$C_l$	CSL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS_b}$
L/D	L/D	lift-to-drag ratio; $C_L/C_D$

NOMENCLATURE (Continued)  
Additions To Standard List

<u>Symbol</u>	<u>SADSAC Symbol</u>	<u>Definition</u>
$A( )$		model base area, subscript is base orifice number and identifies location
$C_{A_b}$	CAB	model base axial-force coefficient
$C_p( )$		model static pressure coefficient, subscript is orifice number, $[p( ) - p_\infty]/q$
$C_{AU}$	CA	axial-force coefficient, unadjusted
$C_{AF}$	CAF	forebody axial-force coefficient, $C_{AU}$ adjusted for base terms
ET		external tank
IV		integrated vehicle, consists of orbiter, external tank, and two solid rocket motors
$L_{REF}$	LREF	reference length, inches
MRC		moment reference center
OMS		orbital maneuvering system
$\delta_e$	ELEVON	elevon, surface deflection angle, positive deflection trailing edge down, degrees
$\delta_f$	BDFLAP	orbiter body flap deflection angle, positive deflection angle is trailing edge down, degrees
$\delta_R$	RUDDER	rudder, surface deflection angle, positive deflection trailing edge to the left, degrees
$\delta_{SB}$	SPDBRK	speed brake deflection angle, left split rudder trailing edge left and right split rudder trailing edge right, $\delta_{SB} = (\delta_{RL} + \delta_{RR})/2$ , positive deflection, degrees
$i_0$	ORBINC	incidence angle between the orbiter and external tank, $i_0 = \alpha_0 - \alpha_T$ , degrees

NOMENCLATURE (Continued)

$\beta_T$	BETAT	angle of sideslip of external tank, degrees
$\alpha_T$	ALPHAT	angle of attack of external tank, degrees
$l_B$	LB	length of orbiter body, in
$l_T$	LT	length of external tank, in
$l_S$	LS	length of SRM booster, in
$l_{NM}$	LNM	length of OMS nozzle, positive direction forward of exit plane, in
$l_{NP}$	LNP	length of MPS nozzle, positive direction forward of exit plane, in
$b/2$	BW	wing semi-span, in
$b_V$	BV	vertical tail span, in
$x$	X	distance from component nose, in
$y$	Y	lateral distance from centerline, in
$z$	Z	vertical distance measured from W.L. 500 (vertical tail reference root chord), in
$c_W$	CW	local wing chord, in
$c_V$	CV	local vertical tail chord, in
$x/l_B$	X/LB	longitudinal position/orbiter body length
$x/l_T$	X/LT	longitudinal position/external tank length
$x/l_S$	X/LS	longitudinal position/booster length
$x/l_{NM}$	X/LNM	longitudinal position/OMS nozzle length

## NOMENCLATURE (Concluded)

$x/l_{NP}$	X/LNP	longitudinal position/MPS nozzle length
$x/c_w$	X/CW	local chordwise position/local wing chord length
$x/c_v$	X/CV	local chordwise position/local vertical tail chord length.
$n$	Y/BW	local spanwise position/wing semi-span
$n_v$	Z/BV	local spanwise position/vertical tail span
$x_{CP}/l$	XCP/L	center of pressure distance from MRC, expressed as a fraction of body length
$\beta_0$	BETA0	angle of sideslip of orbiter
$\alpha_0$	ALPHA0	angle of attack of orbiter

## CONFIGURATIONS INVESTIGATED

The 0.030-scale Aero Loads Model, 47-OTS, was configured after the Shuttle Vehicle MCR 0200 Baseline R1, as defined in drawing number VL70-000088B. The orbiter configuration was a combination of the VL70-000140A orbiter and a VL70-000140B wing and midbody, from which the 140A/B designation was derived. The basic launch configuration consisted of the orbiter, an external tank with simulated fuel and vent lines, and two solid rocket boosters, designated  $O_1$   $T_{12}$   $S_{12}$   $N_{25}$ .

Three launch configurations were tested. One was the basic configuration described above mounted on a dual balance and sting arrangement, illustrated in figure 2d. A second contained attach hardware, designated  $AT_{10}$ , mating the orbiter with the external tank and mounted on a single sting and balance in the orbiter, illustrated in figure 2b. The third utilized a similar attach hardware configuration, designated  $AT_{11}$ , which was attached to the orbiter but not to the external tank and was mounted on the same dual sting and balance arrangement as the basic configuration (figure 2c). In all three configurations, the SRB-to-ET attach hardware was simulated at the forward attach location but not at the aft attach location. Model and component general arrangements are shown in figures 2e through 2o.

Component	Description
$O_1$	140A/B orbiter minus the main propulsion system nozzles
$T_{12}$	324-inch diameter external tank with ogive nose and external fuel and vent lines
$S_{12}$	142.3-inch diameter solid rocket boosters

$N_{25}$	Nozzles for $S_{12}$ boosters
$AT_{10}$	Orbiter-to-ET attach hardware, fixed to both vehicles
$AT_{11}$	Orbiter-to-ET attach hardware, fixed to orbiter only
LV	$O_1 T_{12} S_{12} N_{25}$
LVA	$O_1 T_{12} S_{12} N_{25} AT_{10}$
LVA <sup>P</sup>	$O_1 T_{12} S_{12} N_{25} AT_{11}$

The orbiter  $O_1$ , consisted of the following components:

$B_{26} C_9 F_8 M_7 N_{28} V_8 R_5 W_{116} E_{26}$ .

$B_{26}$	Double delta wing fuselage, 140A/B
$C_9$	Canopy, 140A
$F_8$	Body flap, 140A
$M_7$	OMS pods, 140A
$N_{28}$	OMS nozzles, 140A
$V_8$	Vertical tail, 140A
$R_5$	Rudder, 140A
$W_{116}$	Double delta wing, 140B
$E_{26}$	Elevons, 140B

Parametric investigations were limited to angles of attack and sideslip with all orbiter control surfaces at  $0^\circ$  deflection.

## INSTRUMENTATION DESCRIPTION

The left side of the orbiter and the external tank and the left hand SRB were extensively instrumented with pressure orifices for measurement of surface static pressure distributions. Additionally, there were clusters of orifices around inter-component attach structure locations on the right hand side of the orbiter and external tank. The orbiter contained 471 operational orifices, of which 83 were clustered around attach structure. The external tank contained 270 operational orifices, of which 127 were clustered around attach structure. The SRB contained 124 operational orifices. A three-tube total pressure rake was installed in the opening between the orbiter and external tank. Tables and sketches defining orifice locations are included in this report. All model pressures were measured by model mounted Scanivalve, Inc., S-type scanivalve modules - twelve in the orbiter, seven in the external tank, and five in the SRB.

Force instrumentation consisted of a six-component internal force balance in both the orbiter and external tank for the LV and LVAP configurations, and a single six-component internal force balance in the orbiter for the attached LVA configuration.

## TEST FACILITY DESCRIPTION

The tests were conducted in the Ames 11- by 11-Foot Transonic Wind Tunnel which is a variable density, closed return, continuous flow type. This tunnel has an adjustable nozzle (two flexible walls) and a slotted test section to permit transonic testing over a Mach number range continuously variable from 0.4 to 1.4.

## DATA REDUCTION

Data were reduced to coefficient form about body axes using the following reference constants:

$S_{REF} = 2.421 \text{ ft}^2$		reference area for force and moment coefficients
$l_{REF} = 38.709 \text{ in}$		reference length for moment coefficients
$A_1 = 0.07670 \text{ ft}^2$		Orbiter sting cavity
$A_2 = 0.21340 \text{ ft}^2$		Orbiter heat shield base
$A_3 = 0.08560 \text{ ft}^2$		Orbiter OMS base (2)
$A_4 =$ (see table below)		Orbiter speed brake base
$A_{501} = 0.07266 \text{ ft}^2$		Tank sting cavity
$A_{502} = 0.44264 \text{ ft}^2$		Tank base
$A_{801} = 0.19600 \text{ ft}^2$		SRM nozzle base (2)
$A_{802} = 0.16590 \text{ ft}^2$		SRM skirt base (2)
$\delta_{SB} =$	0 deg	$A_4 =$ 0 ft <sup>2</sup>
	14.92	0.02327
	24.92	0.03866
	34.92	0.05370
	54.92	0.08252
	84.92	0.12083
$X_{MRP} = 0$	in	
$Y_{MRP} = 0$	in	
$Z_{MRP} = 9.99$	in	

The incidence angle between the orbiter and the external tank is equal to zero for angle of attack and angle of sideslip. Therefore, the angle of attack, ALPHA, used in the force plots is equal to ALPHA0. Also the angle of sideslip, BETA, used in the force plots is equal to BETA0.

The force and moment data recorded by the orbiter balance for configuration LV and LVAP are identified as RB10XX datasets. Force and moment data recorded by the tank balance for configuration LV and LVAP and by the orbiter balance for LVA (composite) are identified by RB1IXX.

The pressure data were recorded for each component. The fourth character in each dataset identifier (i.e. RB1BXX, B for fuselage) represents the individual component. The following list indicates the symbol for each component.

SYMBOL	COMPONENT
B	Orbiter fuselage
C	Orbiter base
E	OMS nozzle
F	Body flap
M	OMS pod outside
L	Lower wing surface
U	Upper wing surface
R	Right vertical tail surface
V	Left vertical tail surface
S	SRM booster
T	External tank
X	SRM nozzle

SYMBOL	COMPONENT
Y	External tank base & SRM booster base
1	Orbiter attach points
2	External tank attach points
3	External tank base rake

## REFERENCES

1. Orbiter - Lines and Configuration Control Drawings
2. VL70-000140A, Orbiter Configuration Control Drawing MCR 0200 Baseline
3. VL70-000143A, Lines Control, Vehicle 4 Forward Body - Cabin - Canopy MCR 0200 Baseline
4. VL70-000200, Lines Control, Midbody - Wing - Boot Fairing MCR 200 R3 dated 7-2-73
5. VL70-000145, Lines Control - Aft Body - OMS/RCS Pods, MCR 0200 - R1 baseline
6. VL70-000146A, Lines Control (Vehicle 4) Vertical Tail MCR 0200 Baseline
7. External Oxygen Hydrogen Tank (EOHT) - Lines and Configuration Control Drawings
8. VL78-000041B, External Tank - Configuration Control MCR 0200 Baseline R2
9. VL78-000024A, Structural Assy - External Tank MCR 0200 R2
10. VL78-000031A, Thermal Protection - External Tank, MCR 0200 Baseline
11. Solid Rocket Boosters (SRB) - Lines and Configuration Control Drawings
12. VL77-000036A, SRB Configuration Control MCR 0200 R1
13. VL77-000041, SRB Booster Assy, MCR 0200 R1
14. Integrated Vehicle - Lines and Configuration Control Drawings
15. VL72-000088A, Shuttle Configuration MCR 0200 Baseline R1
16. VL72-000089, SRB-ET-Orbiter Interface Disconnects MCR 0200 Baseline
17. VL72-000075, External Tank to SRB Attach Interface MCR 0074 Baseline
18. Aero Loads Model 47-OTS - Model Fabrication, Assembly and Installation Drawings

19. SS-A00119, Orbiter Assy - .030 Scale Pressure/Loads Model (140A/B Lines)
20. SS-A00120, Assy & Details - EOHT - .030 Scale Pressure/Loads Model (140A Lines)
21. SS-A00121, Orbiter/EOHT Attachments .030 Scale Pressure/Loads Model (140A Lines)
22. SS-A00122, Assy & Details - SRM - .030 Scale Pressure/Loads Model (140A Lines)
23. SS-A00123, Assy & Details - Forebody - .030 Scale Pressure/Loads Model (140A Lines)
24. SS-A00124, Assy & Details - Aft Fuselage - .030 Scale Pressure/Loads Model (140A Lines)
25. SS-A00125, Assy & Details - Wing Splice Plate & Cuff - .030 Scale Pressure/Loads Model (140A Lines)
26. SS-A00126, Assy & Details - Vertical Stabilizer - .030 Scale Pressure/Loads Model (140A Lines)
27. SS-A00127, Ames 11-ft x 11-ft Wind Tunnel Installation - .030 Scale Pressure/Loads Model (140A/B Lines)
28. SS-A00128, Ames 9-ft x 7-ft Wind Tunnel Installation - .030 Scale Pressure/Loads Model (140A/B Lines)
29. SS-A00130, Lines Control - Profile VL70-000140A - .030 Scale Pressure/Loads Model (140A/B Lines)
30. W-1104S Sting - Ames MK II 4" Balance (Male End), Ames MK XX 2.5" Balance
31. W-1105S, Sting - Ames MK II 4" Balance (Male End), RI MK I 2.75 Balance
32. W-1106A, Adapter - Ames MK II, 4" Balance (Male & Female)
33. W-1107A, 13.5" Bent Sting Adapter Ames MK II 4" Balance (Male & Female)

34. (DMS-DR-2129), "Airloads Investigation of an 0.030-Scale Model of the Space Shuttle Vehicle 140A/B Launch Configuration (Model 47-OTS) in the ARC 9- by 7-foot Unitary Plan Wind Tunnel for Mach Range 1.55 and 2.2 (IA14B)"
35. (DMS-DR-2130), "Airloads Investigation of an 0.030-Scale Model of the Space Shuttle Vehicle 140A/B Orbiter Configuration (Model 47-0) in the ARC 11-foot Unitary Plan Wind Tunnel for Mach Range 0.6 and 0.9 (OA22A)"
36. (DMS-DR-2131), "Airloads Investigation of an 0.030-Scale Model of the Space Shuttle Vehicle 140A/B Orbiter Configuration (Model 47-0) in the ARC 9- by 7-foot Unitary Plan Wind Tunnel for Mach Range 1.55 and 2.2 (OA22B)"

TABLE I.

TEST : IA-14A		DATE : 9-13-73	
TEST CONDITIONS			
MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. ft.)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.60	$4.0 \times 10^6$	480	120
0.75	$3.75 \times 10^6$	540	120
0.85	$3.5 \times 10^6$	550	120
0.90	$3.5 \times 10^6$	580	120
0.95	$3.25 \times 10^6$	610	120
0.975	$3.0 \times 10^6$	530	120
1.00	$3.0 \times 10^6$	535	120
1.025	$3.0 \times 10^6$	540	120
1.05	$3.0 \times 10^6$	545	120
1.10	$3.0 \times 10^6$	550	120
1.15	$3.0 \times 10^6$	575	120
1.25	$2.75 \times 10^6$	540	120
1.40	$2.75 \times 10^6$	570	120
BALANCE UTILIZED: LVA: 2.5-in MK XX (ORBITER) LVAP: 2.5-in MK XX (ORB.), 2.75-in MK I (ET)			
	CAPACITY:		COEFFICIENT TOLERANCE:
	MK XX	MK I	
NF	6000	7500	_____
SF	3000	3750	_____
AF	600	700	_____
PM	_____	_____	_____
RM	4000	4000	_____
YM	_____	_____	_____
	ACCURACY:		
	MK XX	MK I	
	0.2%	0.2%	
	0.2%	0.2%	
	_____	_____	
	0.2%	0.2%	
	_____	_____	
COMMENTS: Test conditions for LVA and LVAP model configurations			

TABLE I. - Concluded.

TEST : IA-14A		DATE : 9-13-73	
TEST CONDITIONS			
MACH NUMBER	REYNOLDS NUMBER (per unit length)	DYNAMIC PRESSURE (pounds/sq. ft)	STAGNATION TEMPERATURE (degrees Fahrenheit)
0.60	$4.0 \times 10^6$	480	120
0.75	$4.25 \times 10^6$	610	120
0.85	$4.5 \times 10^6$	710	120
0.90	$4.5 \times 10^6$	750	120
0.95	$4.5 \times 10^6$	780	120
0.975	$4.25 \times 10^6$	750	120
1.05	$4.25 \times 10^6$	790	120
1.10	$4.0 \times 10^6$	760	120
1.15	$3.75 \times 10^6$	720	120
1.25	$2.75 \times 10^6$	735	120
1.40	$3.0 \times 10^6$	620	120

BALANCE UTILIZED: 2.5-in MK XX (ORB.), 2.75-in MK I (ET)

	CAPACITY:		ACCURACY:		COEFFICIENT TOLERANCE:
	MK XX	MK I	MK XX	MK I	
NF	6000	7500	0.2%	0.2%	_____
SF	3000	3750	0.2%	0.2%	_____
AF	600	700	0.2%	0.2%	_____
PM					_____
RM	4000	4000	0.2%	0.2%	_____
YM					_____

COMMENTS: Test conditions for LV model config.



TABLE II - Continued

TEST: IA14A		DATA SET RUN NUMBER COLLATION SUMMARY										DATE: 12 Sept 1973									
DATA SET IDENTIFIER	CONFIGURATION	SCHD.	PARAMETERS/VALUES			NO. OF RUNS	ALTERNATE INDEPENDENT VARIABLE														
			B	M	S <sub>R</sub>		-10	-8	-6	-4	-2	0	2	4	6	8	10				
31	$\phi_1 + T_{12} + S_{12} + N_{25} + AT_{10}$	A	1.1	0	0	1	2*	3*	4*	5	6	7	12	13	14	15					
32			1.1			16*	17*	18*	19*	20	21	22	23	24	25	26					
33		V	1.25			17*	18*	19*	20	21	22	23	24	25	26						
34	$+AT_{11}$	B	1.40			27*	28*	29*	30*	31	32	33	34	35	36	37					
35			1.75			47	56	55	54	54	54	53	53	53	52						
36			1.35			42	42	43	44	44	44	45	45	46	46						
37			1.95			57	57	58	59	59	59	60	60	61	61						
38			1.05			63	63	64	65	65	65	66	66	67	67						
39			1.15			68	68	69	70	70	70	71	71	72	72						
40			1.4			84	84	85	86	86	86	87	87	88	88						
41	V		1.60			149	149	148	147	147	147	146	146	145	145						
42			1.75			140	140	141	142	142	142	143	143	144	144						
43			1.35			135	135	136	137	137	137	138	138	139	139						
44			1.70			130	130	131	132	132	132	133	133	134	134						
45			1.35			125	125	126	127	127	127	128	128	129	129						
46			1.75			120	120	121	122	122	122	123	123	124	124						
47			1.35			115	115	116	117	117	117	118	118	119	119						
V 48	V		1.10			110	110	111	112	112	112	113	113	114	114						

α CR β SCHEDULES  
 1. (A) = -10 to +10, 2. COEFFICIENTS  
 2. (B) = 8 - d, 4.3

\* FORCE DATA NOT AVAILABLE.



TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT<sub>10</sub>

GENERAL DESCRIPTION: Attach structure for Integrated Vehicle Configuration

4 per VL72-000088B and VL72-000089, modified as follows: Removed

ET-to-SRM aft attach struts (4) and left orbiter to right ET aft

attach crossover rod.

MODEL SCALE: 0.030

DRAWING NO.: SEE DESCRIPTION

DIMENSIONS:	FULL SCALE	MODEL SCALE
<b>FORWARD ATTACH</b>		
Orbiter to Tank		
Number of struts	<u>2</u>	<u>2</u>
Diameter - In.	<u>6.000</u>	<u>0.180</u>
Location - In.		
X <sub>O</sub>	<u>382.000</u>	<u>11.460</u>
X <sub>T</sub>	<u>1078.000</u>	<u>32.340</u>
<b>DRAG LINK ATTACH</b>		
Orbiter to Tank		
Number of struts	<u>2</u>	<u>2</u>
Diameter, In.	<u>15.000</u>	<u>0.450</u>
Location, In.		
X <sub>O</sub>	<u>1307.000</u>	<u>39.210</u>
X <sub>T</sub>	<u>1859.000</u>	<u>55.770</u>
<b>AFT ATTACH</b>		
Orbiter to Tank		
Number of struts	<u>2</u>	<u>2</u>
Diameter - In.	<u>12.000</u>	<u>0.360</u>
Location - In.		
X <sub>O</sub>	<u>1307.000</u>	<u>39.210</u>
X <sub>T</sub>	<u>2058.000</u>	<u>61.740</u>
<b>CROSSOVER ROD (RIGHT ORBITER TO LEFT ET)</b>		
Diameter, In.	<u>8.000</u>	<u>0.240</u>
Location - In.		
X <sub>O</sub>	<u>1307.000</u>	<u>39.210</u>
X <sub>T</sub>	<u>2058.000</u>	<u>61.740</u>

TABLE III. - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT<sub>11</sub>

GENERAL DESCRIPTION: Attach structure, same as AT<sub>10</sub> except the forward attach struts are rotated to the vertical, and the structure extends from the orbiter but is not attached to the tank.

MODEL SCALE: 0.030

DIMENSIONS:	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
FORWARD ATTACH		
Orbiter to Tank		
Location - In.		
X <sub>O</sub>	<u>382.000</u>	<u>11.460</u>
X <sub>T</sub>	<u>1133.000</u>	<u>33.990</u>
Clearance, tank to strut - In.	<u>16.667</u>	<u>0.500</u>
DRAG LINK ATTACH		
Orbiter to Tank		
Clearance, tank to strut - In.	<u>8.333</u>	<u>0.250</u>
AFT ATTACH		
Orbiter to Tank		
Clearance, Tank to strut - In.	<u>8.333</u>	<u>0.250</u>
Crossover Rod		
Clearance, tank to strut - In.	<u>8.333</u>	<u>0.250</u>

TABLE III. - Continued.

MODEL COMPONENT: BODY - B<sub>26</sub>

GENERAL DESCRIPTION: Orbiter Fuselage Configuration 140 A/B

NOTE: B<sub>26</sub> identical to B<sub>24</sub> except underside of fuselage refaired to accept W<sub>116</sub>.

Model Scale = .030

DRAWING NUMBER: VL70-000193  
VL70-000140A

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length (Body Fwd Sta X <sub>0</sub> = 238) - in.	<u>1293.3</u>	<u>38.799</u>
Max. Width (at X <sub>0</sub> = 1520) - in.	<u>262.0</u>	<u>7.860</u>
Max. Depth (at X <sub>0</sub> = 1464) - in.	<u>250.0</u>	<u>7.500</u>
Fineness Ratio	<u>0.26357</u>	<u>0.26357</u>
Area - ft <sup>2</sup>		
Max. Cross-Sectional	<u>340.88462</u>	<u>0.30679</u>
Planform	<u>                    </u>	<u>                    </u>
Wetted	<u>                    </u>	<u>                    </u>
Base	<u>                    </u>	<u>                    </u>

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TABLE III. - Continued.

MODEL COMPONENT: CANOPY - C9

GENERAL DESCRIPTION: Configuration 3A

Model Scale = .030

DRAWING NUMBER

VL70-000140A  
VL70-000143A

DIMENSION:

FULL SCALE

MODEL SCALE

Length ( $X_0=434.643$  to  $670$ )

235.357

7.06071

Max Width ( $\odot X_0=513.127$ )

152.412

4.57236

Max Depth ( $\odot X_0=485.0$ )

25.000

0.75000

Fineness Ratio

Area

Max Cross-Sectional

Planform

Wetted

Base

TABLE III. - Continued.

MODEL COMPONENT: ELEVON - E26

GENERAL DESCRIPTION: Configuration 4

NOTE: VL70-000400 data for (1) of (2) sides. Identical to E25 except  
airfoil thickness

Model Scale = .030

DRAWING NUMBER: VL70-000200  
VL70-000140 B

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area	<u>223.5814</u>	<u>0.20122</u>
Span (equivalent)	<u>368.34</u>	<u>11.05020</u>
Inb'd equivalent chord	<u>119.623</u>	<u>3.58869</u>
Outb'd equivalent chord	<u>55.1922</u>	<u>1.65577</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.2096</u>	<u>0.2096</u>
At Outb'd equiv. chord	<u>0.4004</u>	<u>0.4004</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Tailing Edge	<u>-10.056</u>	<u>-10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line)	<u>851.1502</u>	<u>0.76604</u>

TABLE III. - Continued.

MODEL COMPONENT: Body Flap - F<sub>g</sub>

GENERAL DESCRIPTION: Configuration 4

Model Scale - .030  
 DRAWING NUMBER VL70-000140B, VL70-000200

<u>DIMENSION:</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length in.	<u>84.7</u>	<u>2.541</u>
Max Width in.	<u>262.308</u>	<u>7.86924</u>
Max Depth in.	<u>23.000</u>	<u>0.69000</u>
Fineness Ratio	<u></u>	<u></u>
Area - ft <sup>2</sup>	<u></u>	<u></u>
Max Cross-Sectional	<u></u>	<u></u>
Planform	<u>158.85350</u>	<u>0.14297</u>
Wetted	<u></u>	<u></u>
Base	<u>41.89642</u>	<u>0.03771</u>

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TABLE III. - Continued.

MODEL COMPONENT: OMS POD - M7

GENERAL DESCRIPTION: Configuration 3A

Model Scale = .030

DRAWING NUMBER VL70-000140A  
VL70-000145

<u>DIMENSION:</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length (OMS Fwd Ste $X_0=1233.0$ ) - IN.	<u>327.000</u>	<u>9.810</u>
Max Width (@ $X_0=1450.0$ ) - IN.	<u>94.5</u>	<u>2.8350</u>
Max Depth (@ $X_0=1493.0$ ) - IN.	<u>109.000</u>	<u>3.270</u>
Fineness Ratio	<u>          </u>	<u>          </u>
Area	<u>          </u>	<u>          </u>
Max Cross-Sectional	<u>          </u>	<u>          </u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>

TABLE III. - Continued.

MODEL COMPONENT: BSRM NOZZLES - N25

GENERAL DESCRIPTION: Configuration 3A BSRM Nozzles

Model Scale = .030

DRAWING NO. VL72-000036A  
VL77-000036A

DIMENSIONS	FULL-SCALE	MODEL SCALE
MACH NO. _____		
DIAMETER DEX ~ IN (One Nozzle)	<u>141.3</u>	<u>4.2390</u>
DIAMETER DT ~ IN	_____	_____
DIAMETER DIN ~ IN	_____	_____
ON ~ DEGREES	_____	_____
AREA - FT <sup>2</sup> (One Nozzle)		
MAX CROSS-SECTIONAL	<u>108.89595</u>	<u>0.09801</u>
GIMBAL ORIGIN	<u>X<sub>o</sub></u>	<u>Y<sub>o</sub></u> <u>Z<sub>o</sub></u>
LEFT NOZZLE ~ IN. F.S.	<u>1825.3</u>	<u>-243</u> <u>400</u>
RIGHT NOZZLE ~ IN. FS	<u>1825.3</u>	<u>+243</u> <u>400</u>
NULL POSITION - DEG.	<u>PITCH</u>	<u>YAW</u>
LEFT NOZZLE	<u>+8</u>	<u>+8</u>
RIGHT NOZZLE	<u>+8</u>	<u>+8</u>

TABLE III. - Continued.

MODEL COMPONENT: NOZZLES - N28

GENERAL DESCRIPTION: Configuration 3A OMS Nozzle

Model Scale = .030

DRAWING NO. VL70-000140A

DIMENSIONS	FULL-SCALE	MODEL SCALE
MACH NO. _____		
DIAMETER DEX ~ IN (One nozzle)	_____	_____
DIAMETER DT ~ IN	_____	_____
DIAMETER DIN ~ IN	_____	_____
ON ~ DEGREES	_____	_____
AREA - Ft <sup>2</sup> (one nozzle)		
MAX CROSS-SECTIONAL	_____	_____
GIMBAL ORIGIN	<u>X<sub>o</sub></u>	<u>Y<sub>o</sub></u> <u>Z<sub>o</sub></u>
LEFT NOZZLE ~ IN.	<u>1518.0</u>	<u>-88.0</u> <u>492.0</u>
RIGHT NOZZLE ~ IN.	<u>1518.0</u>	<u>+88.0</u> <u>492.0</u>
NULL POSITION	<u>PITCH</u>	<u>YAW</u>
LEFT NOZZLE (Null Pitch 15°49'; Yaw 12°17' OUTB'D)	<u>±8°</u>	<u>13°17' OUTB'D</u> <u>2°30' INB'D</u>
RIGHT NOZZLE (Null Pitch 15°49'; Yaw 12°17' OUTB'D)	<u>±8°</u>	<u>13°17' OUTB'D</u> <u>2°17' INB'D</u>

TABLE III. - Continued.

MODEL COMPONENT: RUDDER - R5

GENERAL DESCRIPTION: 2A, 3 and 3A Configuration per Rockwell Lines

VL70-000095

Model Scale = .030

DRAWING NUMBER: VL70-000095

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - FT <sup>2</sup>	<u>106.38</u>	<u>0.09574</u>
Span (equivalent) - IN.	<u>201.0</u>	<u>6.0300</u>
Inb'd equivalent chord	<u>91.585</u>	<u>2.74755</u>
Outb'd equivalent chord	<u>50.833</u>	<u>1.52499</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Trailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line)- FT <sup>3</sup>	<u>526.13</u>	<u>0.01420</u>
Product of Area and Mean Chord		

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TABLE III. - Continued.

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - S12

GENERAL DESCRIPTION: Configuration 3A, Data for (1) of (2) sides,  
per Rockwell Lines VL77-000036A

Model Scale = .030

DRAWING NUMBER VL72-000088A  
VL77-000036A

<u>DIMENSION:</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length (Includes Nozzle) - IN.	<u>1741.0</u>	<u>52.2300</u>
Max Width (Tank Dia) - IN.	<u>142.3</u>	<u>4.2690</u>
Max Depth (Aft Shroud) - IN.	<u>192.0</u>	<u>5.7600</u>
Fineness Ratio	<u>9.06771</u>	<u>9.06771</u>
Area - FT <sup>2</sup>		
Max Cross-Sectional	<u>201.06193</u>	<u>0.18096</u>
Planform	<u>                    </u>	<u>                    </u>
Wetted	<u>                    </u>	<u>                    </u>
Base	<u>                    </u>	<u>                    </u>
WP of BSRM Centerline (Z <sub>T</sub> ) - IN.	<u>400</u>	<u>12.000</u>
FS of BSRM Nose (X <sub>T</sub> ) - IN.	<u>200</u>	<u>6.000</u>

TABLE III. - Continued.

MODEL COMPONENT: EXTERNAL TANK - T12

GENERAL DESCRIPTION: External Oxygen Hydrogen Tank

NOTE: Identical to T11 with external fuel lines added

Model Scale = 030

DRAWING NUMBER

VL76-000031A  
VL78-000041A

DIMENSION:

FULL SCALE

MODEL SCALE

Length - IN. (Nose @  $X_T = 309$ )

1865

57.629

Max Width (Dia) - IN.

324

9.72

Max Depth

Fineness Ratio

5.75617

5.75617

Area - FT<sup>2</sup>

Max Cross-Sectional

572.555

17.177

Planform

Wetted

Base

WP of Tank Centerline ( $X_T$ ) - IN.

400.0

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TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - V<sub>8</sub>GENERAL DESCRIPTION: Configuration 3ANOTE: Similar to V5 with radius on TE upper corner and LE lower cornerwhere vertical meets fuselage.Model Scale = .030

DRAWING NUMBER:

VL70-000140AVL70-000146A

DIMENSIONS:

FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) Ft <sup>2</sup>	<u>413.253</u>	<u>0.37193</u>
Planform		
Span (Theo) In	<u>315.720</u>	<u>9.47160</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>0.40399</u>	<u>0.40399</u>
Sweep Back Angles, degrees		
Leading Edge	<u>45.00</u>	<u>45.00</u>
Trailing Edge	<u>25.947</u>	<u>25.947</u>
0.25 Element Line	<u>41.130</u>	<u>41.1300</u>
Chords:		
Root (Theo) WP	<u>268.500</u>	<u>8.05500</u>
Tip (Theo) WP	<u>108.470</u>	<u>3.25410</u>
MAC	<u>199.80756</u>	<u>5.99423</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>43.9050</u>
W. P. of .25 MAC	<u>635.522</u>	<u>19.06566</u>
B. L. of .25 MAC	<u>0.00</u>	<u>0.00</u>
Airfoil Section		
Leading Wedge Angle Deg	<u>10.00</u>	<u>10.00</u>
Trailing Wedge Angle Deg	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius (Min) - IN.	<u>2.00</u>	<u>0.060</u>
Void Area	<u>13.17</u>	<u>0.01185</u>
Blanketed Area	<u>0.00</u>	<u>0.00</u>

TABLE III. - Concluded.

MODEL COMPONENT: <u>WING-W<sub>116</sub></u>		
GENERAL DESCRIPTION: <u>Configuration 4</u>		
NOTE: <u>Identical to W<sub>114</sub> except airfoil thickness. Dihedral angle is along trailing edge of wing.</u>		
Model Scale = <u>.030</u>		
TEST NO.	DWG. NO. <u>VL70-000140B</u> <u>VL70-000200</u>	
<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
<u>TOTAL DATA</u>		
Area (Theo.) Ft <sup>2</sup>	2690.00	2.4210
Planform	936.6816	28.10045
Span (Theo) In.	2.265	2.265
Aspect Ratio	1.177	1.177
Rate of Taper	0.200	0.200
Taper Ratio	3.500	3.500
Dihedral Angle, degrees (at X <sub>0</sub> =1506.623, Y <sub>0</sub> =	0.500	0.500
Incidence Angle, degrees 105, Z <sub>0</sub> = 282.75)	+3.000	+3.000
Aerodynamic Twist, degrees	45.00	45.00
Sweep Back Angles, degrees	-10.056	-10.056
Leading Edge	35.209	35.209
Trailing Edge		
0.25 Element Line		
Chords:		
Root (Theo) B.P.O.O.	689.2429	20.67729
Tip, (Theo) B.P.	137.8486	4.13546
MAC	474.8117	14.24435
Fus. Sta. of .25 MAC	1126.721	33.80163
W.P. of .25 MAC	291.00	8.73000
B.L. of .25 MAC	187.33491	5.62005
<u>EXPOSED DATA</u>		
Area (Theo) Ft <sup>2</sup>	1812.2205	1.63010
Span, (Theo) In. BP108	736.6816	22.10045
Aspect Ratio	2.058	2.058
Taper Ratio	0.2451	0.2451
Chords		
Root BP108	570.6230	17.11869
Tip 1.00 $\frac{b}{2}$	137.8512	4.13554
MAC	354.2376	10.62713
Fus. Sta. of .25 MAC	1164.237	34.92711
W.P. of .25 MAC	292.00	8.76000
B.L. of .25 MAC	239.67786	7.19034
Airfoil Section (Rockwell Mod NASA)		
XXXX-64		
Root $\frac{b}{2}$ = 0.425	0.113	0.113
Tip $\frac{b}{2}$ = 1.00	0.12	0.12
Data for (1) of (2) Sides		
Leading Edge Cuff		
Planform Area Ft <sup>2</sup>	118.333	0.10650
Leading Edge Intersects Fus M. L. @ Sta	505.0	15.15000
Leading Edge Intersects Wing @ Sta	1003.5	30.10500

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TABLE IV. - ORBITER FUSELAGE PRESSURE ORIFICE LOCATIONS

ORBITER X <sub>0</sub> IN.		RADIAL LOCATION Ø DEGREES																		
FULL	MODEL X <sub>0</sub> /I <sub>0</sub>	0	20	40	55	70	90	105	110	120	135	140	150	151	156	162	165	169	174	180
235	7.05	0																		9
245	7.35	.008	6				8													15
265	7.95	.023	7	12	13	14	15			16			17							27
295	8.85	.047	10	21	22	23	24			25			26							36
325	9.75	.070	19	30	31	32	33			34			35							45
380	11.40	.112	28	38	40	41	42			43			44							
440	13.20	.159	37	48	50	51	52			53				54	58			55	46	56
450	13.50	.167	47	60	61	62	64			65		66	67							69
465	13.95	.178	59	71	79	80	81			74			75							77
500	15.00	.205	70	87	88	89	89			82			83							85
560	16.80	.252	78	95	96	97	97			90			91							93
625	18.75	.301	86	103	106	107	107			98			99							101
725	21.75	.379	102	105	114	115	115			108			109							
880	26.40	.499	104	113	121	122	123			116			117							
980	29.40	.576	112	120	131	132	133			124	125		126							
1080	32.40	.653	119	130	140	141	142			134	135		136							
1180	35.40	.730	129	139	149	150	151			143	144		145							
1245	37.35	.781	138	148	158	159	160			152	153		154							
1300	39.00	.823	147	157	165	166	166			161	162		163							
1375	41.25	.882	156	170	167	168	168			165	166		167							
1430	42.90	.923	169	172	174	174	174			167	168		169							
1450	44.40	.963	173	174	174	174	174			167	168		169							
1530	45.90	1.002	171	174	174	174	174			167	168		169							
1530	45.90	1.002	171	174	174	174	174			167	168		169							
1555	46.65	1.021	171	174	174	174	174			167	168		169							
1590	47.70	1.048	173	174	174	174	174			167	168		169							
1590	47.70	1.048	173	174	174	174	174			167	168		169							

l<sub>0</sub> = 1293.3 full scale

l<sub>0</sub> = 38.799 model

data in datasets RB1BXX

a: OMS pod, inside

b: OMS pod, outside

c: Body flap lower surface

d: Body flap upper surface



TABLE VI. - ORBITER VERTICAL TAIL PRESSURE ORIFICE LOCATIONS

ORBITER VERTICAL TAIL

VERTICAL $w_L \sim z_0$		X/C <sub>y</sub>									
FULL	MODEL	$\eta_V$	0	.025	.05	.15	.30	.52	.685	.775	.90
550	16.50	.158	316		324	325	326	327	328	329	
				317	318	319	320	321	322	323	
600	18.00	.316	330		339	340	341	342	343	344	345
				331	332	333	334	335	336	337	338
690	20.70	.600	346		355	356	357	358	359	360	361
				347	348	349	350	351	352	353	354
765	22.95	.840	362		371	372	373	374	375	376	377
				363	364	365	366	367	368	369	370
792	23.76	.925	378		387	388	389	390	391	392	393
				379	380	381	382	383	384	385	386

data in datasets RB1VXX (left side) and RB1RXX (right side)

TABLE VII. - ORBITER BASE, BODYFLAP, AND OMS NOZZLE PRESSURE ORIFICE LOCATIONS

ORBITER BASE

LOCATION	ORIFICE NUMBER
Orbiter Sting Cavity	1
Orbiter Base (Lower Left Corner)	2
OMS Nozzle Base	3

data in datasets RB1CXX

RUDDER FLARE BASE

RUDDER $\alpha \sim Z_0$		X/C <sub>V</sub>
FULL	MODEL	.75
725	18.75	4
625	21.75	5

data in datasets RB1CXX

BODY FLAP

ORBITER $\alpha \sim X_0$		$\phi \sim \text{Deg}$	
FULL	MODEL	0	40
1555	46.65	169	170
1590	47.70	173	174
1590	47.70	171	172

data in datasets RB1FXX

LEFT OMS NOZZLE SURFACE

X $\sim$ IN. FWD. NOZZLE EXIT		$\phi \sim \text{DEG.}$		
FULL	MODEL	135	180	225
10	.30	175	176	177
20	.60		178	

data in datasets RB1EXX

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TABLE VIII. - EXTERNAL TANK PRESSURE ORIFICE LOCATIONS

EXTERNAL TANK

TANK STATION $\sim \lambda_T$		$\theta \sim \text{DEG.}$									
FULL SCALE	MODEL SCALE	0	30	60	90	120	135	150	165	180	270
309	9.27	503									
324	9.72	504			505			513		506	507
400	12.00	508	509	510	511	512		520		514	
520	15.60	515	516	517	518	519		528	521	522	
640	19.20	523	524	525	526	527		536	529	530	
670	20.10	531	532	533	534	535		544	537	538	
710	21.30	539	540	541	542	543		553	545	546	
750	22.80	547	548	549	550	551	552	561	554	555	
850	25.50	556	557	558	559	560	569	570	562	563	564
950	28.50	565	566	567	568	569		578	571	572	
1050	31.30	573	574	575	576	577		587	579	580	
1150	34.50	581	582	583	584	585	586	595	588	589	
1250	37.50	590	591	592	593	594		604	596	597	
1350	40.50	598	599	600	601	602	603	612	605	606	
1500	45.00	607	608	609	610	611		621	613	614	
1700	51.00	615	616	617	618	619	620	629	622	623	
1900	57.00	624	625	626	627	628	629	630	631	632	
2040	61.20	633	634	635	636	637	637	638	639	640	
TANK BASE											
STING CAVITY		501								502	

$\lambda_T = 1865 \text{ IN. FULL SCALE}$   
 $55.950 \text{ IN. MODEL SCALE}$

data in datasets RB1IXX

TABLE IX. - SRM PRESSURE ORIFICE LOCATIONS

LEFT SRM

SRM STATION ~ X <sub>s</sub>		Ø ~ DEG.									
FULL SCALE	MODEL SCALE	X <sub>s</sub> /X <sub>s</sub>	0	45	90	135	180	225	270	315	
200	6.00	0	805								
260	7.80	.034	806	807	808	809	810	811	812	813	
370	11.10	.098	814	815	816	817	818	819	820	821	
406	12.00	.115	822	823	824	825	826	827	828	828	
450	13.50	.144	829	830	831	832	833	834	835	836	
550	16.50	.201	837	838	839	840	841	842	843	844	
700	21.00	.287	845		846		847	848	849	850	
850	25.50	.373	851		852		853		854		
1050	31.50	.488	855		856		857				
1250	37.50	.603	858		859		860				
1450	43.50	.718	861		862		863		864		
1650	49.50	.833	865		866		867		868		
1750	52.50	.890	869	870	871	872	873	874	875	876	
1796	53.88	.917	877	878	879	880	881	882	883	884	
1835	55.05	.939	885	886	887	888	889	890	891	892	
1863	56.04	.958	893	894	895	896	897	898	899	900	
	SKIRT BASE		802								
	NOZZLE BASE		801								
NOZZLE EXTERNAL PRESSURES											
1850	55.50	.948	901	902	903	904	905	906	907	908	
1905	57.15	.979	909	910	911	912	913	914	915	916	
1923	57.84	.993	917	918	919	920	921	922	923	924	

X<sub>s</sub> = 1741 IN. FULL SCALE  
52.53 IN. MODEL SCALE

data in datasets RB1SXX

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TABLE X. - ORBITER ATTACH POINT PRESSURE ORIFICE LOCATIONS

ORBITER ATTACH POINT ORIFICE LOCATIONS																
FULL	347	357	367	377	387	397	407	1252	1262	1272	1282	1292	1302	1312	1322	1332
X <sub>o</sub> SCALE	10.41	10.71	11.01	11.31	11.61	11.91	12.21	37.56	37.86	38.16	38.46	38.76	39.06	39.36	39.96	40.26
X <sub>o</sub> MODEL	.087	.095	.102	.110	.118	.126	.133	.788	.796	.804	.811	.819	.827	.835	.850	.858
X <sub>o</sub> /Y <sub>o</sub>																
F.S. MODEL	394	397					412				436	447		468	474	480
Y <sub>o</sub>																
Y <sub>o</sub>																
.021		396	399	403	407	411	415				435	446	457	467	473	479
.043		395	398	402	406	410	414				434	445	456	466	472	478
.064				401	405	409	413				433	444	455	465	471	477
.085											432	443	454	464	470	476
.107																
.149											431	442	453	463		
.170										424	430	441	452	462		
.191									419	423	429	440	451	461		
.213								416	418	422	428					
.234									417	421	427	439	450	460		
.256										420	426	438	449	459		
.277											425	437	448	458		

data in datasets RB11XX

TABLE XI. - EXTERNAL TANK ATTACH POINT PRESSURE ORIFICE LOCATIONS

X <sub>T</sub> Full Scale	1103	1093	1083	1073	1063	1053	1043	
X <sub>T</sub> Model Scale	33.09	32.79	32.49	32.19	31.89	31.59	31.29	
X <sub>T</sub> /I <sub>T</sub>	.424	.419	.413	.408	.402	.397	.391	
								∅ DEG.
FWD ATTACH POINT (ORBITER TO E-T)	684	676	668	660				182.84
	685	677	669	661				186.38
	686	678	670	662	655			189.92
	687	679	671	663	656	652		193.46
	688	680			657	653	651	197.0
	689	681	673	665	658	654		200.54
	690	682	674	666	659			204.08
	691	683	675	667				207.62

data in datasets RB12XX

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TABLE XI. - EXTERNAL TANK ATTACH POINT PRESSURE ORIFICE LOCATIONS  
(CONTINUED)

FWD DRAG LINK ATTACH POINT	$X_T$ FULL SCALE	1874	1864	1854	1844	1834	1824	1814	
	$X_T$ MODEL SCALE	56.22	55.92	55.62	55.32	55.02	54.72	54.42	
	$X_T/l_T$	.839	.834	.828	.823	.818	.812	.807	
									$\theta \sim$ DEG.
		719	713	707					222.84
		720	714	708	701				226.38
		721	715	709	702	696			229.92
		722		710	703	697	693		233.46
					704	698	694	692	237.00
						699	695		240.54
	723	718	712	706	700			244.08	

data in datasets RB12XX

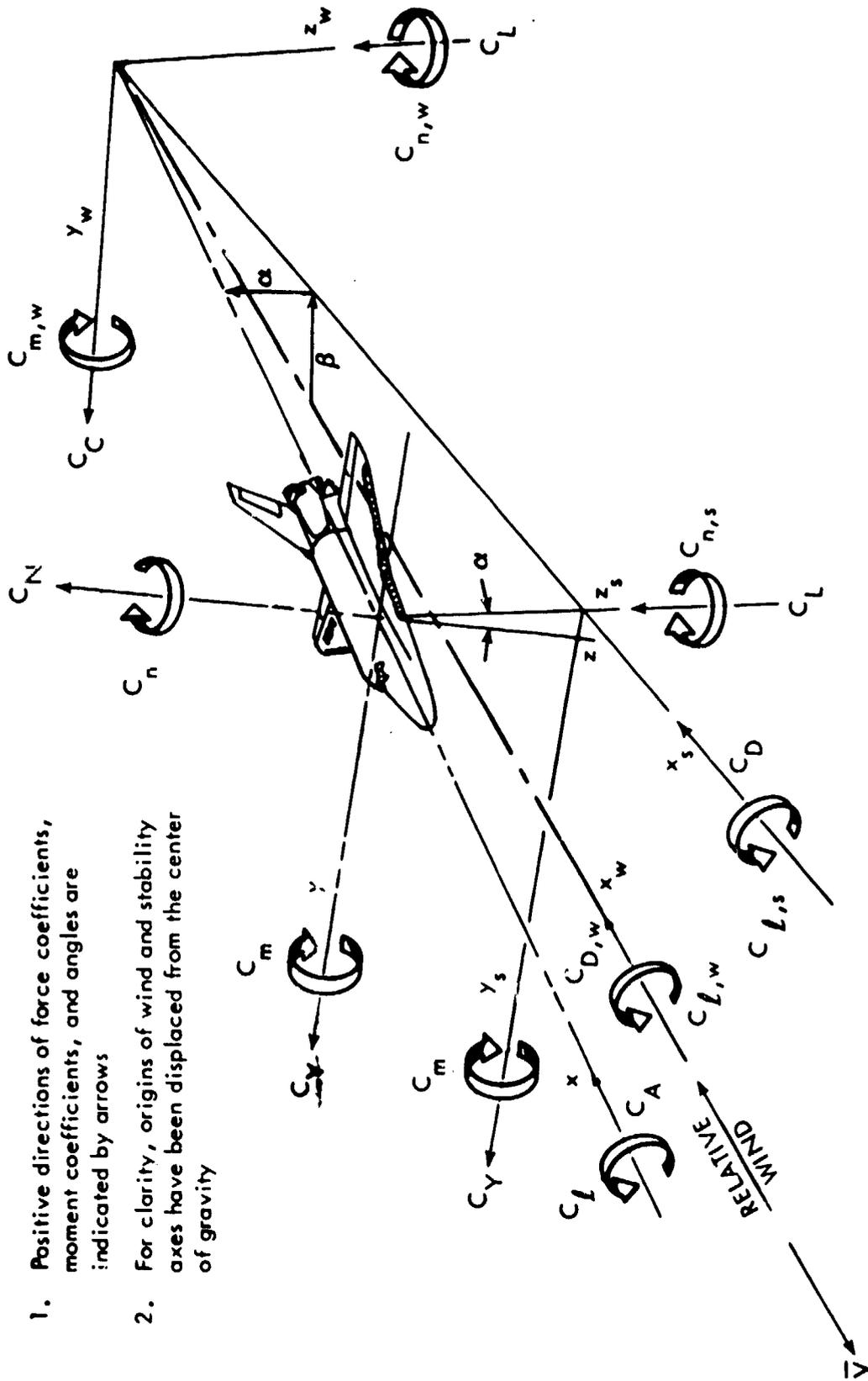
TABLE XI. - EXTERNAL TANK ATTACH POINT PRESSURE ORIFICE LOCATIONS  
(CONCLUDED)

$X_T$ FULL SCALE	2078	2068	2058	2048	2038	2028	2018	
$X_T$ MODEL SCALE	62.34	62.04	61.74	61.44	61.14	60.84	60.54	
$X_T/\rho_T$	.948	.943	.938	.932	.927	.921	.916	
								$\emptyset \sim$ DEG.
AFT UPPER ATTACH	777	766	754					234.04
	778	767	755	742				237.58
	779	768	756	743	732			241.12
	780	769		744	733	726		244.66
	781	770		745	734	727	724	248.2
				746	735	728		251.74
		771	759	747	736			255.28
	782	772	760					323.51
	783	773	761	748				327.05
	784	774	762	749	737			330.59
AFT LOWER ATTACH	785	775		750	738	729		334.13
	786	776		751	739	730	725	337.67
				752	740	731		341.21
			765	753	741			344.75

data in datasets RB12XX

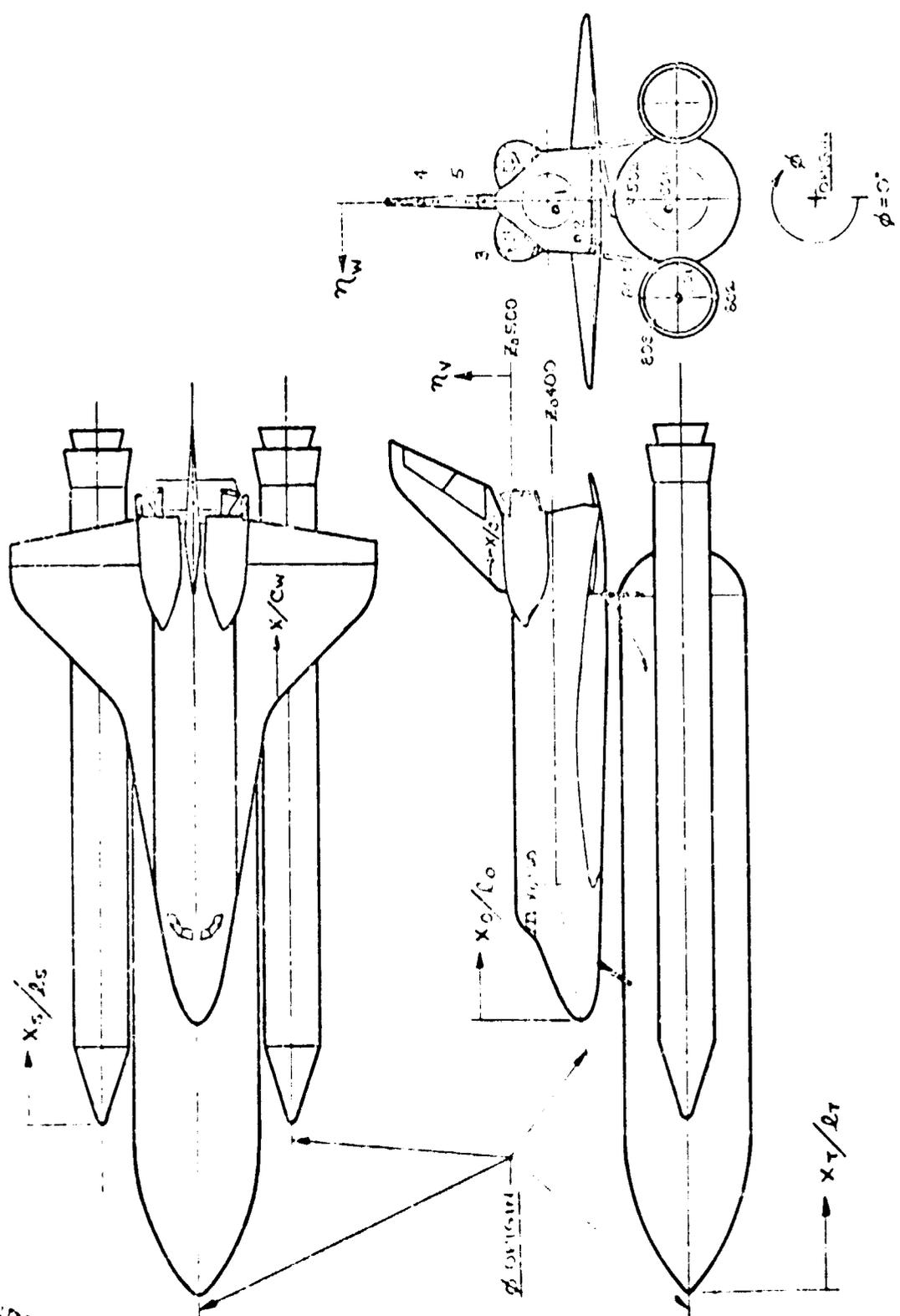
**Notes**

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



a. Stability and body axis systems  
Figure 1. - Axis Systems

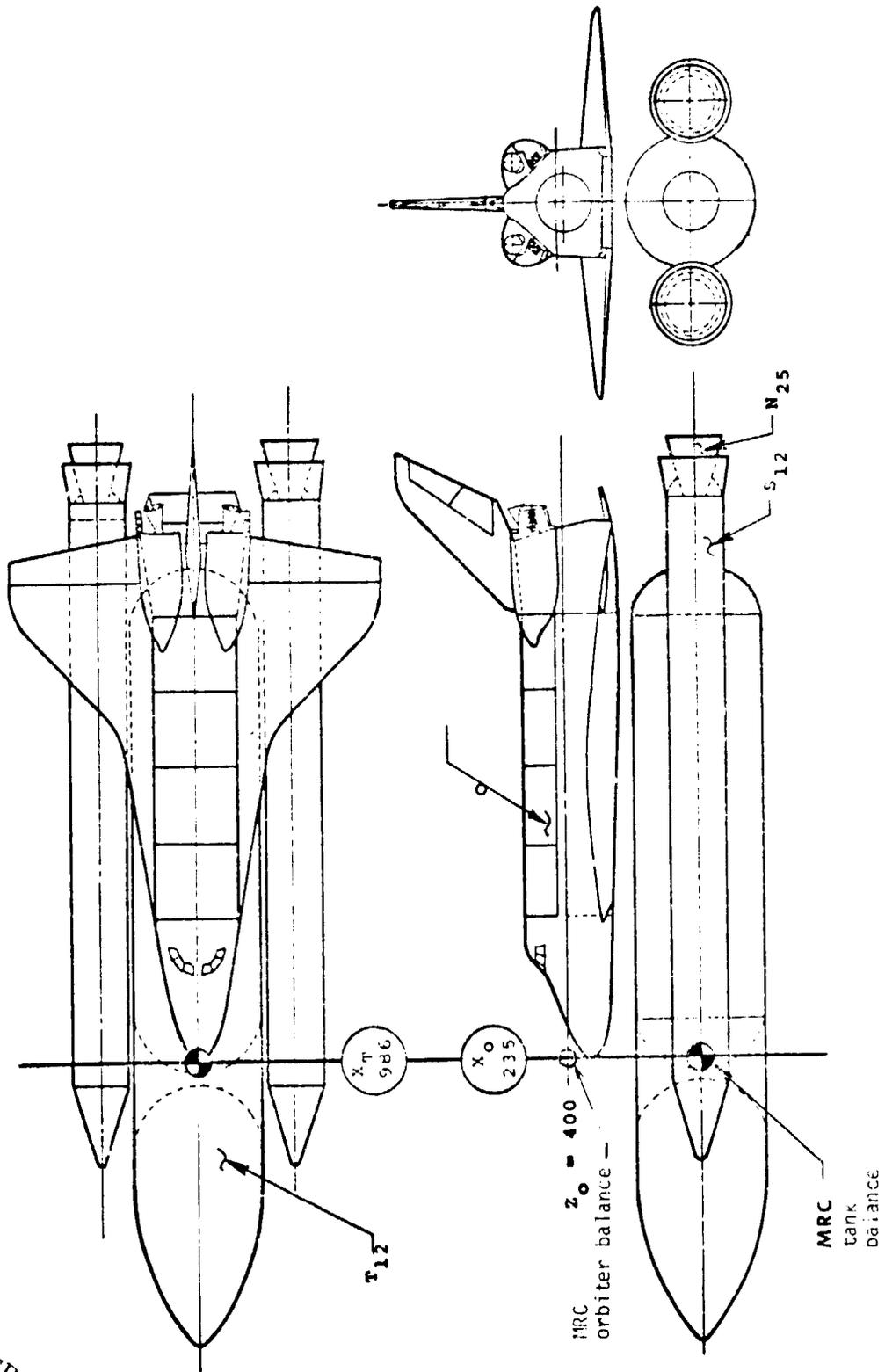
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b. Orifice location nomenclature diagram  
Figure 1. - Concluded

LV



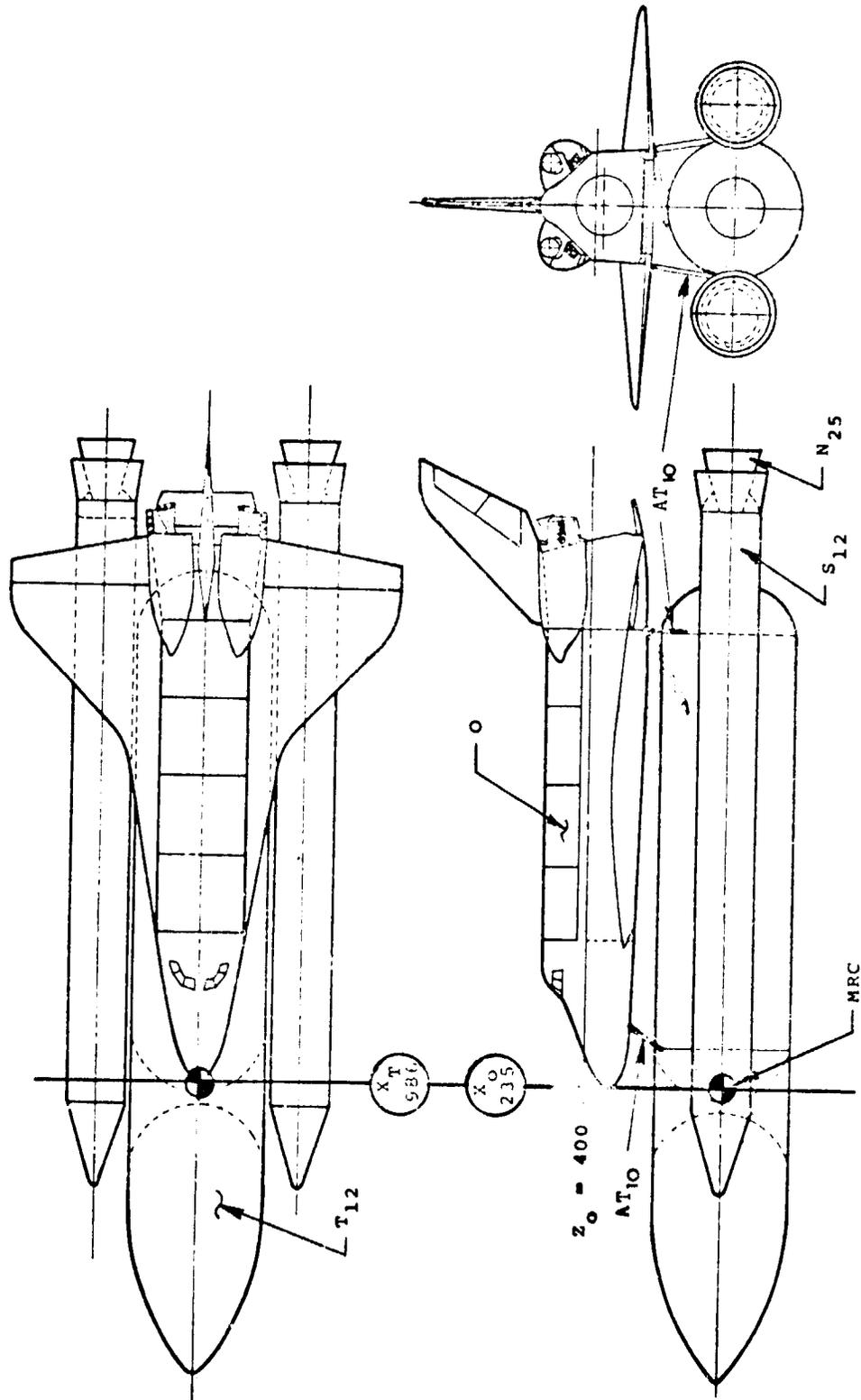
a. Integrated vehicle - 2 balances, no attach structure

Figure 2. - Model Sketches

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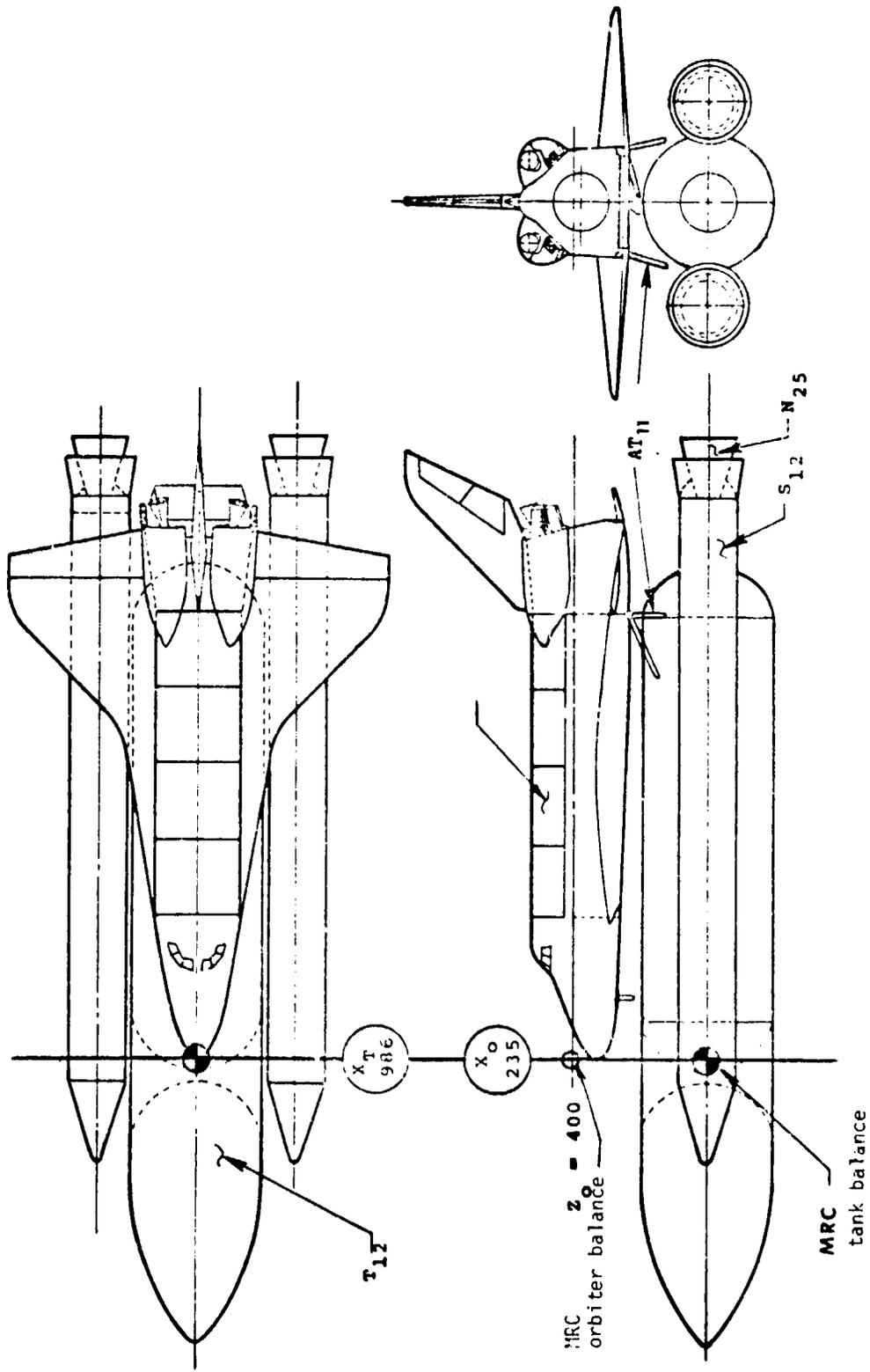
LVAP



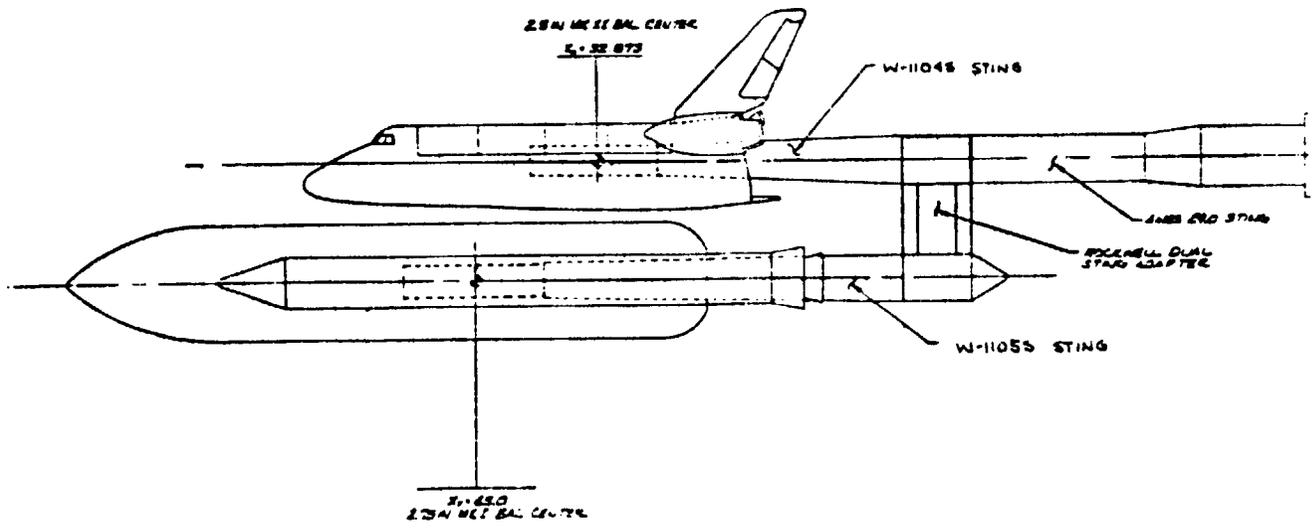
b. Integrated vehicle - 1 balance with attach structure

Figure 2. - Continued

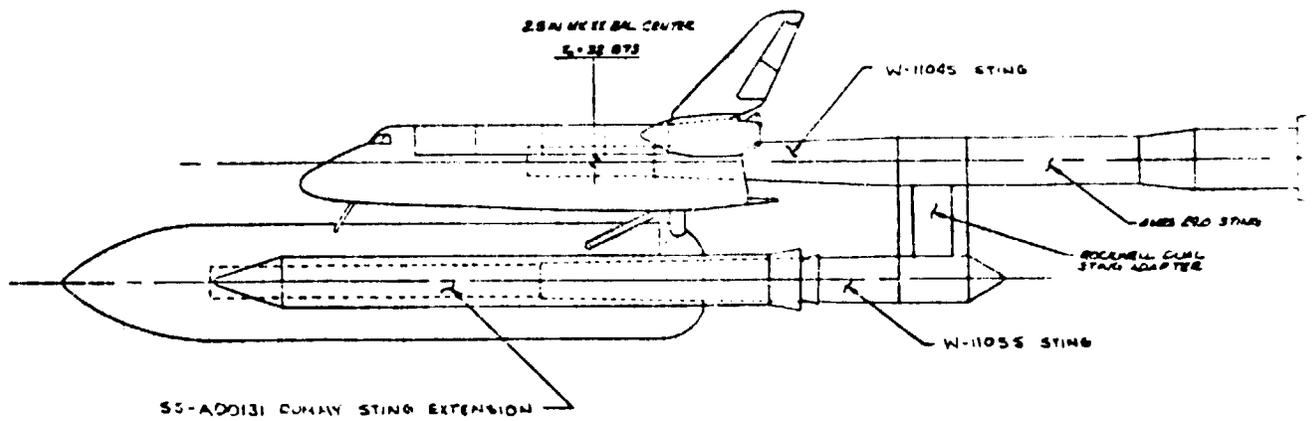
LVAP



c. Integrated vehicle - 2 balances with attach structure  
Figure 2. - Continued



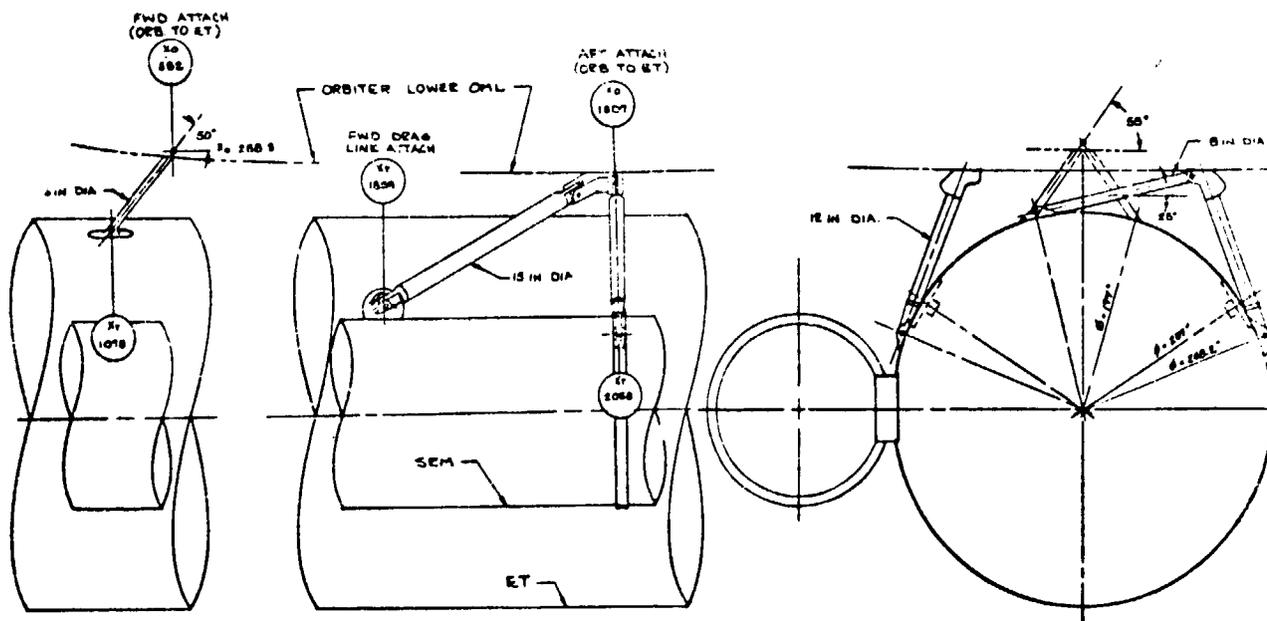
DUAL BALANCE CONFIGURATION ~ LV & LYAP



SINGLE BALANCE CONFIGURATION ~ LVA

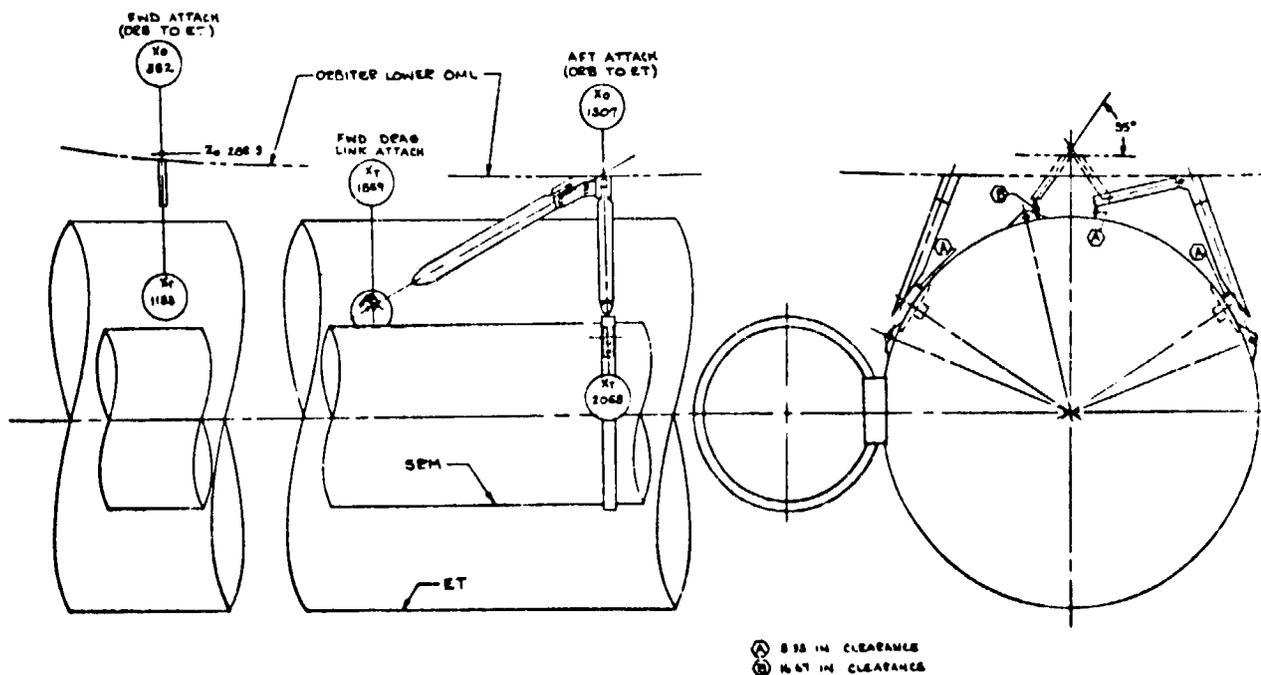
d. Installation side views

Figure 2. - Continued



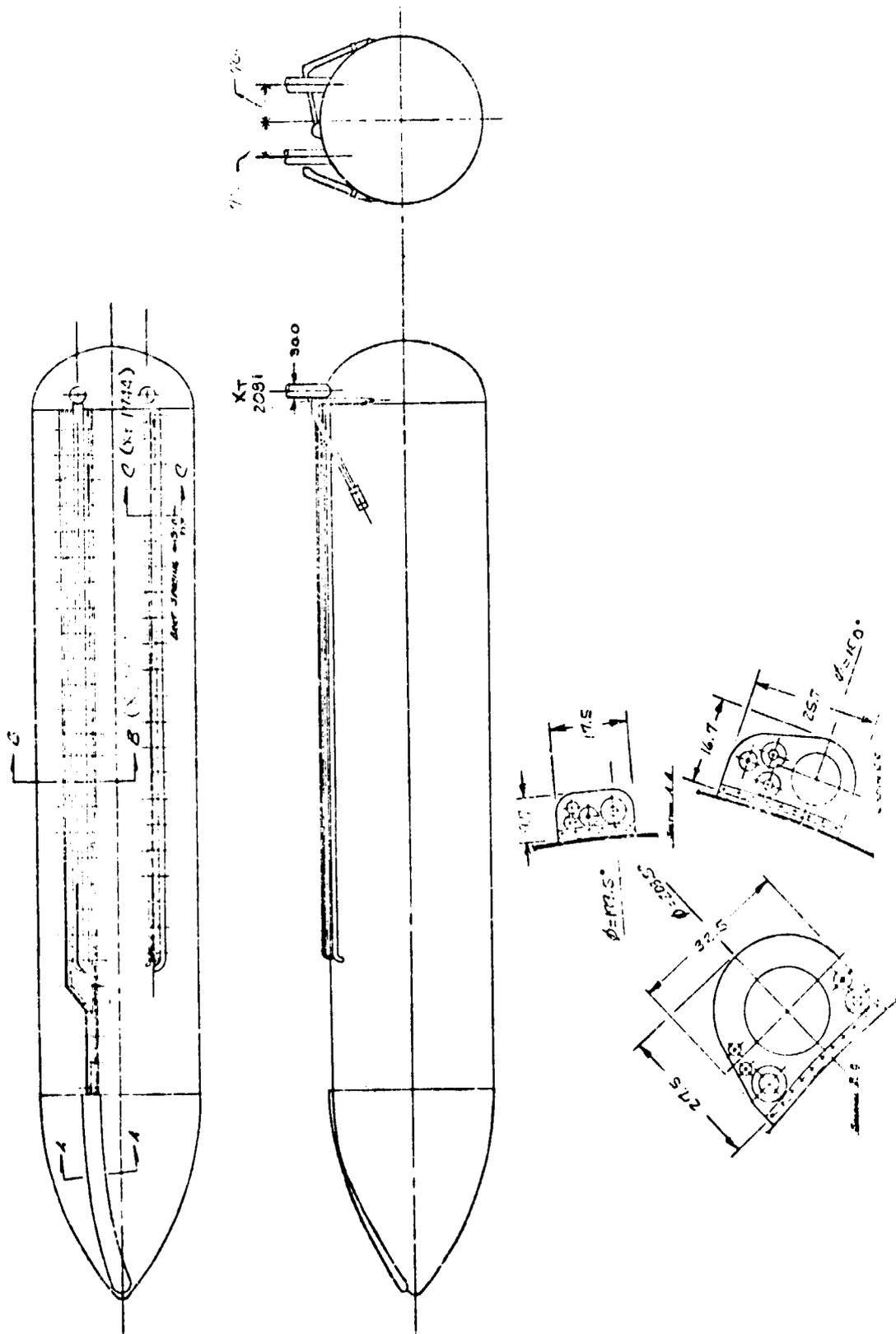
ATTACH HARDWARE CONFIGURATION - AT10

ATTACH HARDWARE CONFIGURATION - AT11



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e. Attach hardware  
Figure 2. Continued

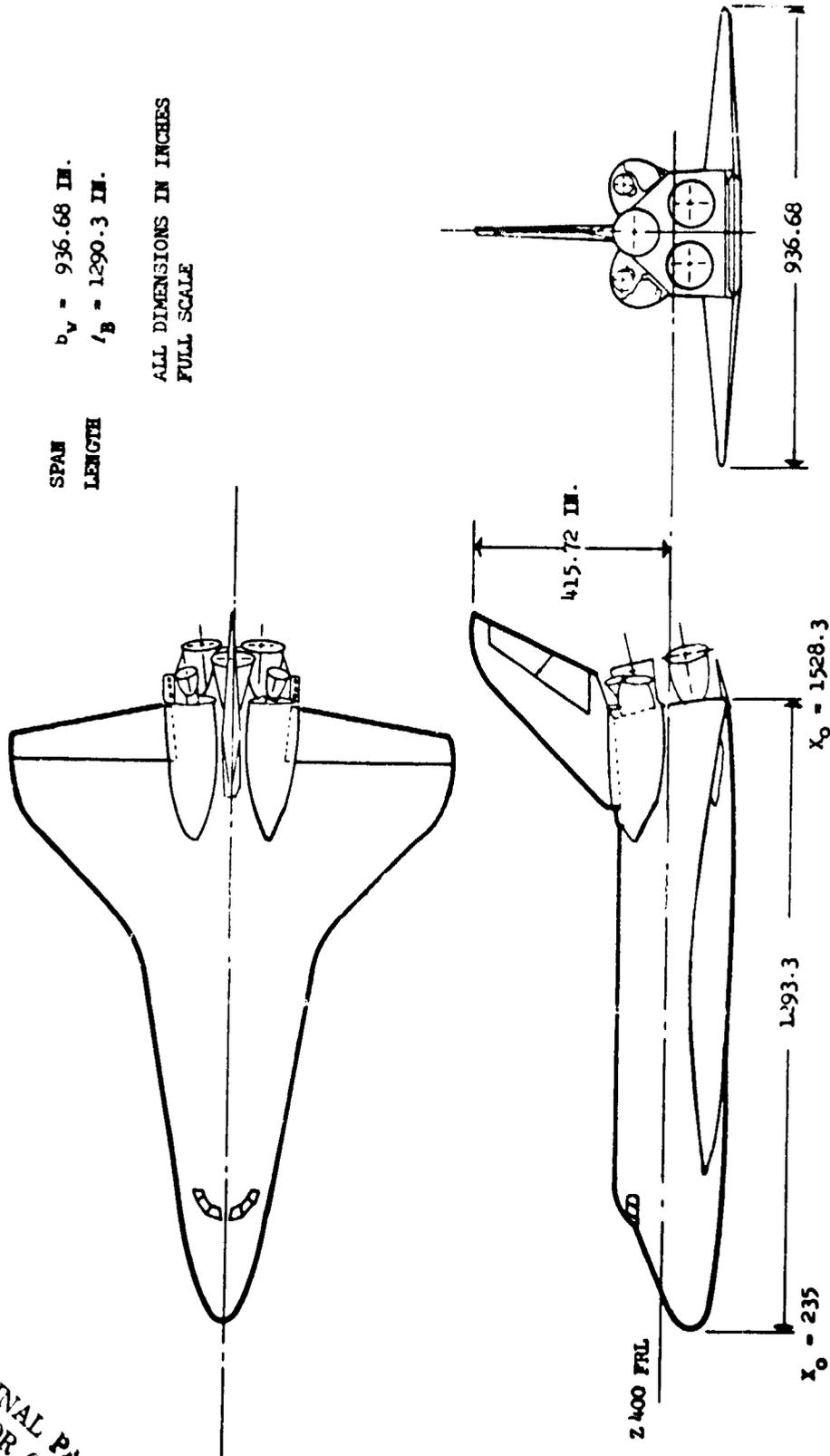


f. External tank protuberances  
Figure 2. - Continued

REFERENCE DIMENSIONS (PS)  
 AREA  $S_v = 2690 \text{ FT}^2$   
 MAC  $C = 474.8 \text{ IN.}$

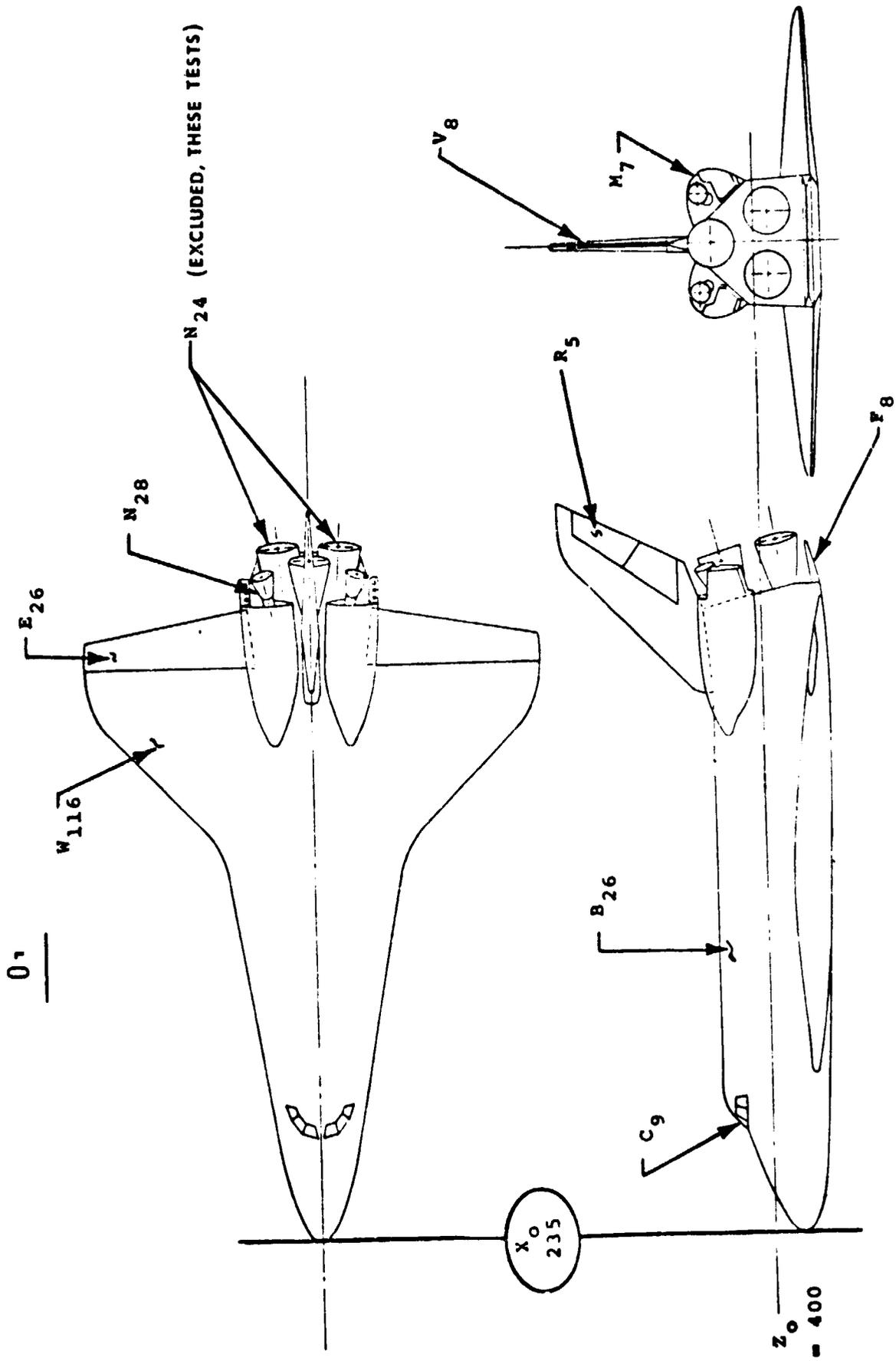
SPAN  $b_v = 936.68 \text{ IN.}$   
 LENGTH  $l_B = 1290.3 \text{ IN.}$

ALL DIMENSIONS IN INCHES  
 FULL SCALE



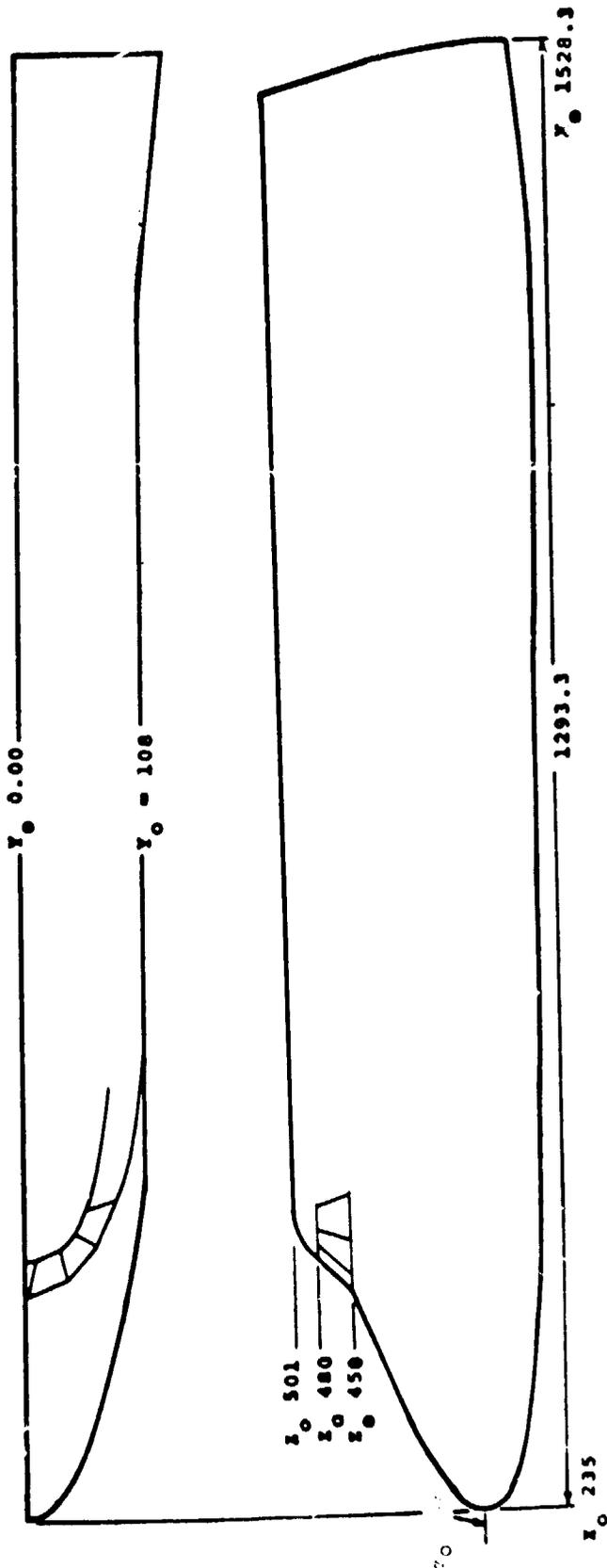
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9. SSV orbiter configuration 140A/B  
 Figure 2. - Continued



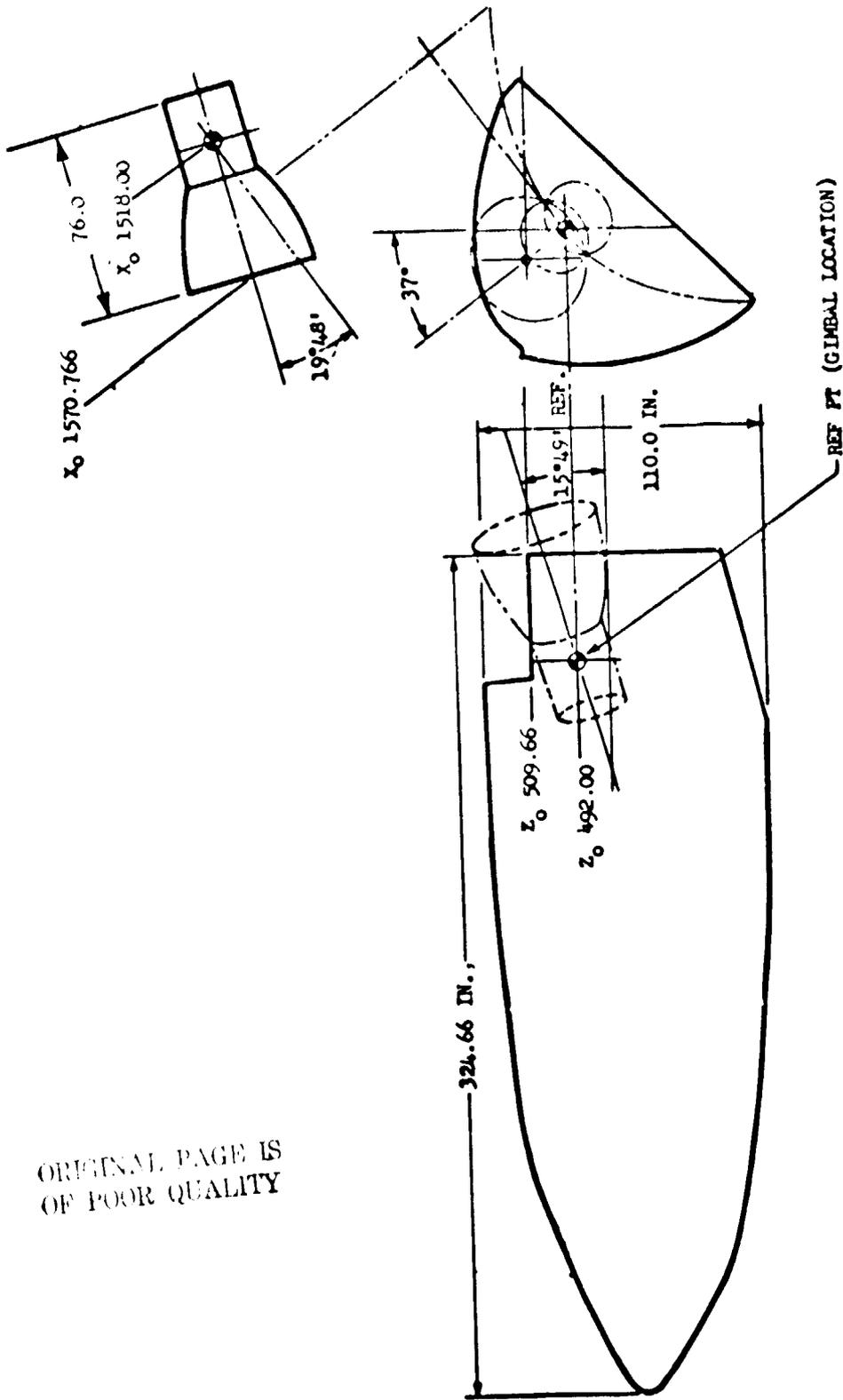
h. Orbiter nomenclature  
Figure 2. - Continued

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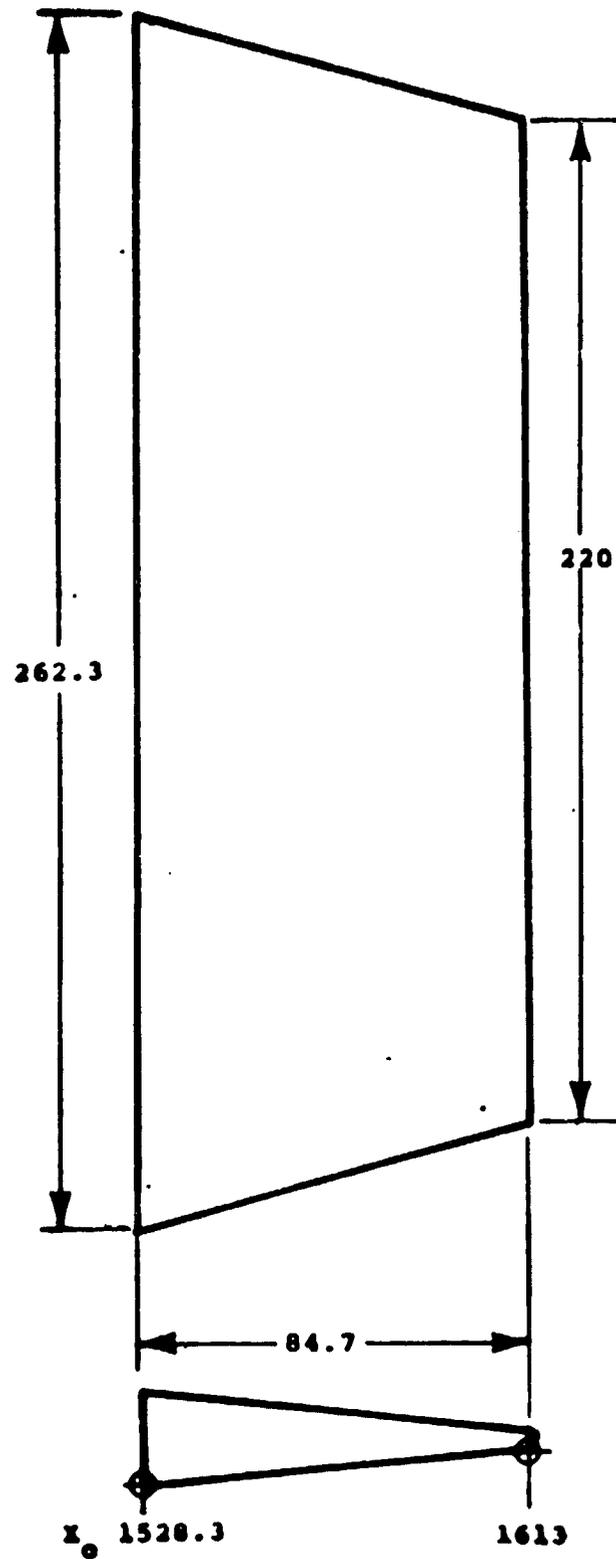
i. Canopy, Cg, and body, B<sub>26</sub>, lines drawing VL70-00193 and VL70-000140A/B  
Figure 2. - Continued

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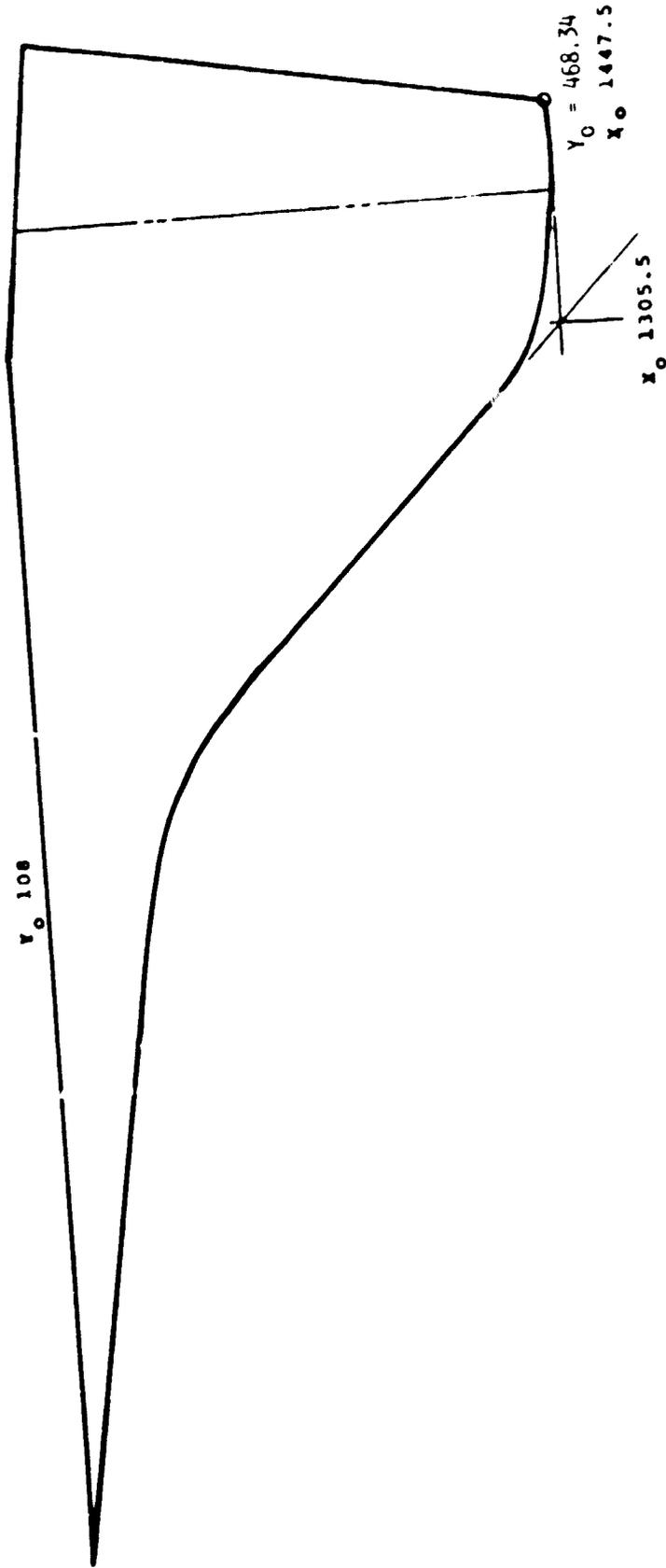
j. M7 - OMS Pod

Figure 2. - Continued



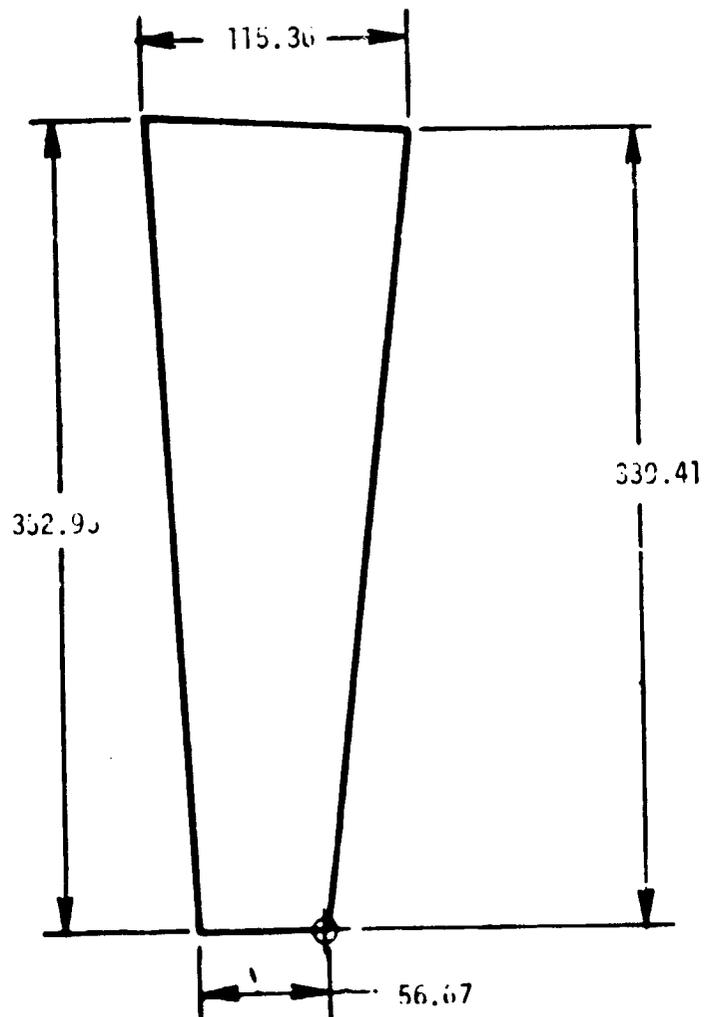
k. Body flap,  $F_8$ , lines drawing no. VL70-000140A/B  
Figure 2. - Continued

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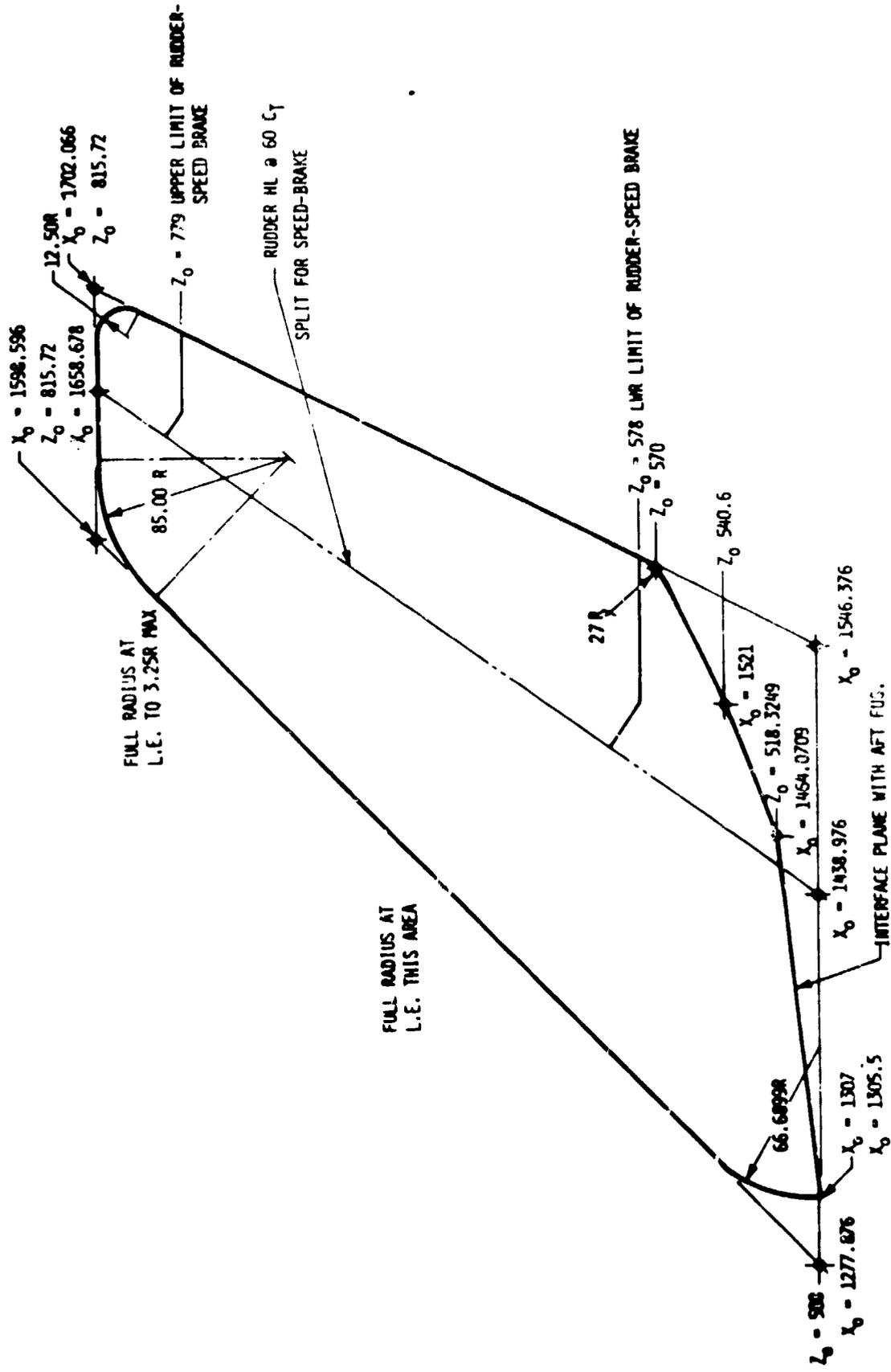


1. Wing, W116, lines drawing no. VL70-000200

Figure 2. - Continued

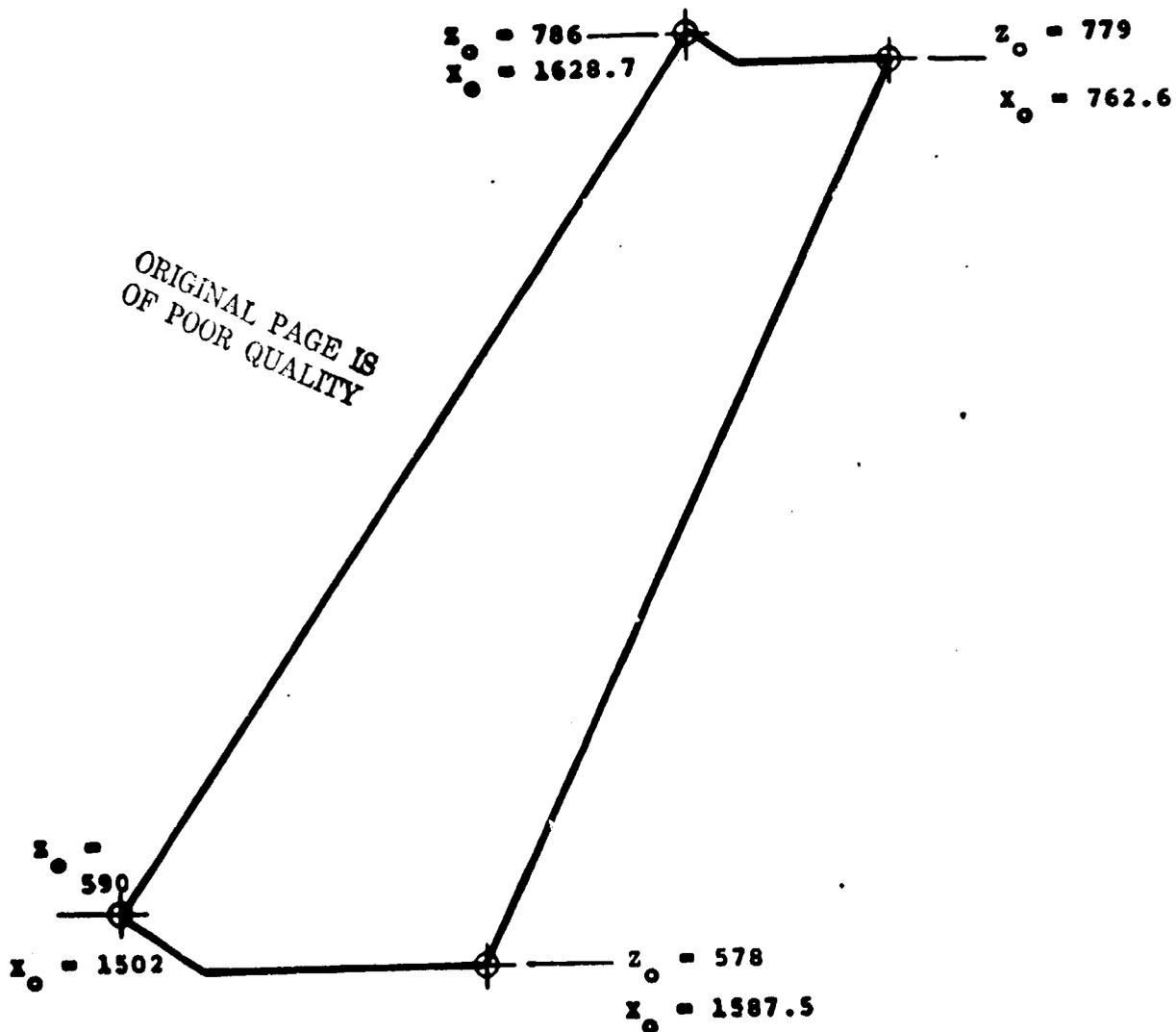


m. Elevation, E<sub>26</sub>, lines drawing no. VL70-000200, VL70-000140A/B  
Figure 2. - Continued



n. Vertical tail,  $V_8$ , and rudder,  $R_5$ , lines drawing no. VL70-00014FA

Figure 2. - Continued



o. Rudder, R5, lines drawing no. VL70-000095

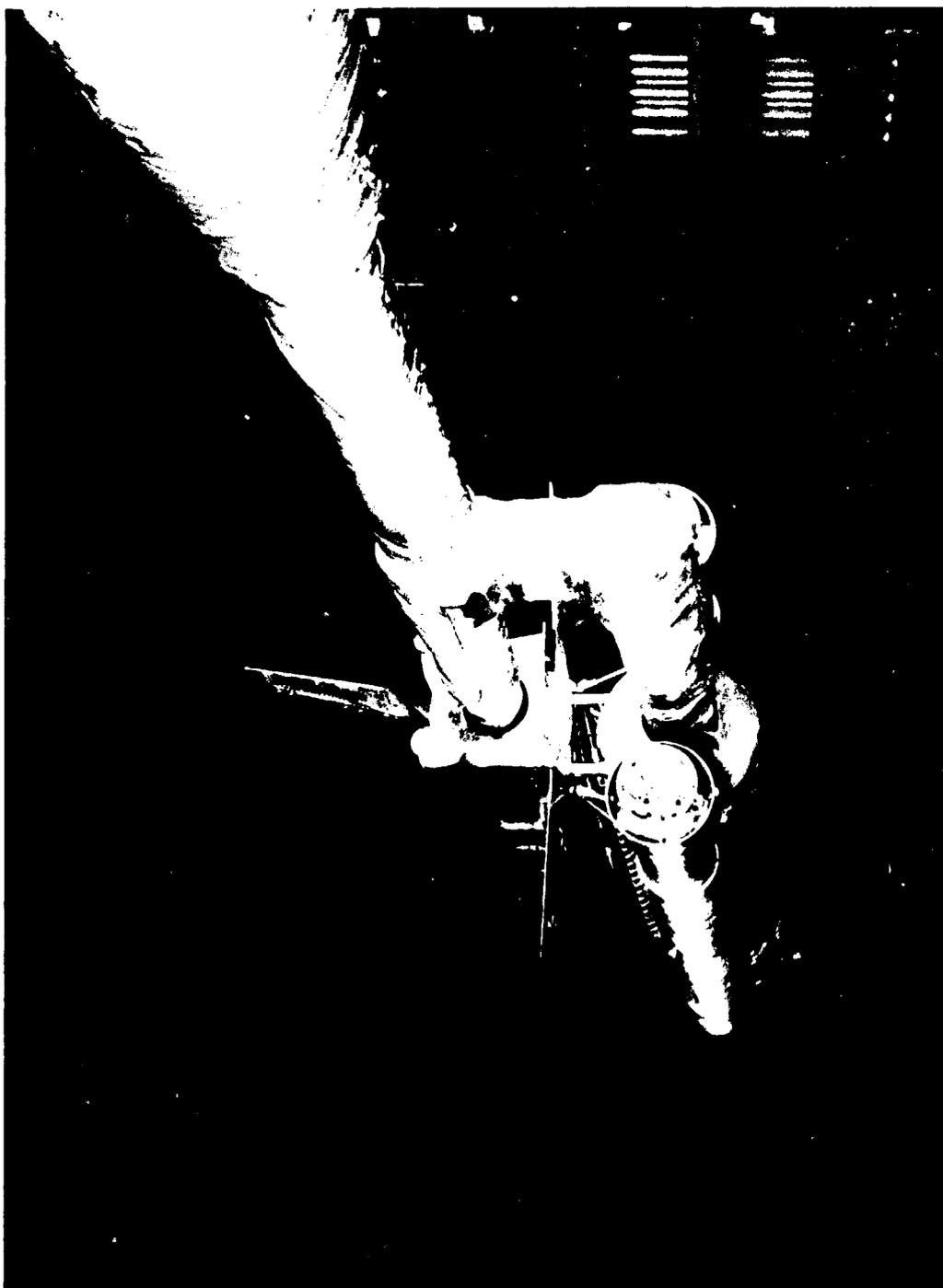
Figure 2. - Concluded



a. Front view of model installed in tunnel

Figure 3. - Model photographs.

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b. Rear view of model installed in tunnel

Figure 3. - Concluded.

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TABULATED PRESSURE DATA

ARC11-716 TAI4 01+T12+S12N25+T11 ET + SRM BASE (RB1V17) ( 03 OCT 73 )

REFERENCE DATA

REF # 2.4210 93.0FT. WRP # 29.8500 INCHES  
REF # 28.7390 INCHES WRP # .0000 INCHES  
REF # 28.7390 INCHES ZWR # .0000 INCHES  
SCALE # .03300 SCALE

PARAMETRIC DATA

BETA0 = .000 ELEVON # .000  
RUDDER = .000 SPDRK # .000

MACH ( 1 ) = .898 ALPHA( 1 ) = -8.171

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3353 -.3420 -.3870 -.3404 -.3339 -.4036

MACH ( 1 ) = .898 ALPHA( 2 ) = -4.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2964 -.3073 -.3111 -.2563 -.2968 -.3657

MACH ( 1 ) = .898 ALPHA( 3 ) = -.220

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3036 -.3083 -.2724 -.2774 -.2989 -.3431

MACH ( 1 ) = .898 ALPHA( 4 ) = 3.830

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3076 -.3076 -.2794 -.2804 -.2869 -.3432

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+12+312+3+AT11 ET + SRM BASE (881Y17)

MACH ( 1 ) = .398 ALPHA( 1 ) = 0.030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2934 -.3257 -.3274 -.3237 -.3249 -.3301

MACH ( 2 ) = .977 ALPHA( 1 ) = -7.920

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3683 -.4067 -.3879 -.3574 -.3571 -.4290

MACH ( 2 ) = .976 ALPHA( 2 ) = -3.880

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3598 -.3779 -.3443 -.3241 -.3324 -.3884

MACH ( 2 ) = .977 ALPHA( 3 ) = .090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3541 -.3681 -.3140 -.3116 -.3201 -.3654

MACH ( 2 ) = .973 ALPHA( 4 ) = 4.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3458 -.3630 -.3317 -.3250 -.3195 -.3720

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10 (RB1Y17)  
ARC11-716 IA14 OI+T12+S12M5+AT11 ET + SRM BASE

MACH ( 2 ) = .977 ALPHA( 3 ) = 6.030  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3427 -.3682 -.3680 -.3743 -.3688 -.4262  
MACH ( 3 ) = 1.102 ALPHA( 1 ) = -7.940

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3375 -.3972 -.4227 -.4188 -.4354 -.4659  
MACH ( 3 ) = 1.101 ALPHA( 2 ) = -3.890

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3310 -.3719 -.3842 -.3842 -.4005 -.4439  
MACH ( 3 ) = 1.103 ALPHA( 3 ) = .090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3088 -.3392 -.3603 -.3823 -.3870 -.4423  
MACH ( 3 ) = 1.100 ALPHA( 4 ) = 4.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2965 -.3476 -.3542 -.3657 -.3847 -.4389

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(RBIY17)

DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10  
ARC11-716 1A14 01+112+512N25+AT11 ET + SRM BASE

MACH ( 3 ) = 1.069 ALPHA( 5 ) = 8.020  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2798 -.3326 -.3372 -.4248 -.4230 -.4616

MACH ( 4 ) = 1.248 ALPHA( 1 ) = -7.940  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2952 -.3452 -.3223 -.3310 -.3359 -.3694

MACH ( 4 ) = 1.248 ALPHA( 2 ) = -3.840  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2690 -.3101 -.2996 -.3091 -.3218 -.3570

MACH ( 4 ) = 1.244 ALPHA( 3 ) = .090  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2399 -.2789 -.2871 -.3128 -.3186 -.3593

MACH ( 4 ) = 1.249 ALPHA( 4 ) = 4.010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2534 -.2822 -.2921 -.3278 -.3177 -.3644

DATE 08 JAN 75 TABULATED PRESSURE DATA - IA144 - VOL. 10

ARC11-716 IA14 01\*718\*318N25\*AT11 ET + SRH BASE (RBIY17)

MACH ( 4 ) = 1.249 ALPHA( 5 ) = 7.930

SECTION ( 1 ) ET + SRH BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2198 -.2812 -.5221 -.3832 -.3585 -.3801

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ASC11-718 IAI4 01+112+512N25+AT11 ET + SRM BASE

(RB1Y18) ( 02 OCT 75 )

REFERENCE DATA

SREF # 2.4212 33.5FT. ZMRP # 29.5800 INCHES  
 LREF # 38.7598 INCHES ZMRP # 10.0000 INCHES  
 BREF # 78.7590 INCHES ZMRP # 10.0000 INCHES  
 SCALE # 10370 SCALE

PARAMETRIC DATA

ALPHA # .000 ELEV/DN # .000  
 RUDDER # .000 STORBRK # .000

MACH ( 1 ) # .896 BETAD ( 1 ) # -8.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3220 -.3712 -.3487 -.3485 -.2954 -.3305

MACH ( 1 ) # .896 BETAD ( 2 ) # -4.010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3089 -.3367 -.2917 -.2955 -.2935 -.3659

MACH ( 1 ) # .897 BETAD ( 3 ) # 4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3067 -.3100 -.2822 -.2765 -.2937 -.3432

MACH ( 1 ) # .898 BETAD ( 4 ) # 4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3088 -.3445 -.2497 -.2779 -.2871 -.3158

(R81Y16)

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+112+SIGN23+711 ET + SRM BASE

MACH ( 1 ) = .896 BETA0 ( 5 ) = 8.130  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3171 -.3816 -.2303 -.2457 -.2897 -.2947

MACH ( 2 ) = .978 BETA0 ( 1 ) = -8.050  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3837 -.4297 -.3967 -.4006 -.3532 -.4403

MACH ( 2 ) = .976 BETA0 ( 2 ) = -4.010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3682 -.3910 -.3555 -.3553 -.3174 -.4136

MACH ( 2 ) = .975 BETA0 ( 3 ) = .040  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3422 -.3618 -.3157 -.3021 -.310 - .3728

MACH ( 2 ) = .978 BETA0 ( 4 ) = 4.070  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3460 -.3810 -.2884 -.2886 -.3104 -.3324

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ARC11-716 1A14 DE-112-S12N25+AT11 ET + SRM BASE (RB11,6)

MACH ( 2 ) = .874 BETAO ( 5 ) = 8.120  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3811 -.4509 -.2551 -.2653 -.2978 -.2955

MACH ( 3 ) = 1.102 BETAO ( 1 ) = -8.390

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3599 -.4097 -.3859 -.4081 -.3851 -.4480

MACH ( 3 ) = 1.100 BETAO ( 2 ) = -4.010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3332 -.3727 -.3569 -.3796 -.3659 -.4339

MACH ( 3 ) = 1.102 BETAO ( 3 ) = .030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3080 -.3562 -.3702 -.3792 -.3818 -.4390

MACH ( 3 ) = 1.100 BETAO ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3171 -.3844 -.3489 -.3694 -.3776 -.4076

(R01Y18)

DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+712+SIGN2+AT11 ET + SRM BASE

MACH ( 3 ) = 1.120 BETA0 ( 5 ) = 6.130  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2451 -.4239 -.3240 -.3284 -.3434 -.3658  
 MACH ( 4 ) = 1.232 BETA0 ( 1 ) = -6.080  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2664 -.3513 -.3276 -.3582 -.3682 -.3961  
 MACH ( 4 ) = 1.244 BETA0 ( 2 ) = -4.030  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2643 -.3121 -.3018 -.3271 -.3290 -.3775  
 MACH ( 4 ) = 1.249 BETA0 ( 3 ) = .030  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2401 -.2826 -.2904 -.3191 -.3217 -.3576  
 MACH ( 4 ) = 1.246 BETA0 ( 4 ) = 4.090  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2544 -.3093 -.3028 -.3397 -.3270 -.3596

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DATE 08 JAN 75 FACILATED PRESSURE DATA - IAI14 - VOL. 10

ARJ11-716 IAI14 01\*12\*512\*25\*AT11 ET \* SRM BASE (RB1Y18)

MAIN 1 4.5 1 240 BETAD 5.2 8.150

SRM 1 1.5 1 210 SRM BASE 1 1.5 1 210 SRM BASE CP

1 1.5 1 210 SRM BASE 1 1.5 1 210 SRM BASE 1 1.5 1 210

000 1 201 1 155 1 2761 1 2933 1 3033 1 3175



ARC11-716 IA14 01+T12+912N23+AT10 ET + SRM BASE

PARAMETRIC DATA  
 ALPHA = -10.000    ELEVON = .000  
 RUDDER = .000    SPOBRK = .000

REFERENCE DATA

SMEF = 2.4210 SQ.FT.    XMRP = 29.5600 INCHES  
 LREF = 36.7090 INCHES    YMRP = .0000 INCHES  
 BREF = 36.7090 INCHES    ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

MACH ( 1 ) = .902    BETAO ( 1 ) = -9.690

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000    -.4050    -.4033    -.463    -.4398    -.4079    -.4555

MACH ( 1 ) = .899    BETAO ( 2 ) = 10.090

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000

.000    -.3769    -.3921    -.2400    -.2561    -.2981    -.2976

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IA144 - VOL. 1D

ARC11-716 IA14 01+112+312N25+AT10 ET + SRM BASE (R81723) ( 28 SEP 73 )

REFERENCE DATA

SREP # 2.1210 33.171 XMRP # 29.5800 INCHES  
-REP # 38.7090 INCHES ZMRP # .0000 INCHES  
-REP # 38.7090 INCHES ZMRP # .0000 INCHES  
SCALE # .0000 SCALE

PARAMETRIC DATA

ALPHA # -8.0000 ELEVON # .0000  
RUDER # .0000 SPOBRK # .0000

MACH ( 1 ) # 999 BETAO ( 1 ) # -9.933

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000572.0000601.0000602.0000603.0000604.0000

.000 -.3786 -.3801 -.4521 -.4387 -.3860 -.4414

MACH ( 1 ) # .198 BETAO ( 2 ) # 10.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000501.0000802.0000803.0000804.0000

.000 - .3685 -.3854 -.2462 -.2552 -.2968 -.2981

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ARC11-716 IA14 OI+TIE+SIGNS+ATIO ET + SRM BASE

(R81780) ( 28 SEP 73 )

## REFERENCE DATA

BREF = 8.4810 30.FT. XMRP = 29.5800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

MACH ( 1 ) = .897 BETA0 ( 1 ) = -9.940

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3738 -.3822 -.4251 -.4269 -.3819 -.4418

MACH ( 1 ) = .898 BETA0 ( 2 ) = 10.070

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3524 -.3763 -.2422 -.2626 -.3102 -.3045

## PARAMETRIC DATA

ALPHA = -6.000 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000



(R01V27) ( 09 SEP 75 )

PROBING DATA QUANTITATIVE ET + SEM BASE

REFERENCE DATA

LAYER 5 2.42E3 08 000 0000 29.5000 0.0000  
 LAYER 4 39.7000 000000 0000 0.0000 0.0000  
 LAYER 3 39.7000 000000 0000 0.0000 0.0000  
 LAYER 2 39.7000 000000 0000 0.0000 0.0000  
 LAYER 1 39.7000 000000 0000 0.0000 0.0000

WACH ( 1 ) = 000 RETAC ( 1 ) = -9.500

SECTION ( 1 ) ET + SEM BASE DEPENDENT VARIABLE CP

TAP NO 001.0000002 0000001.0000002.0000000.0000004.00000

.000 -.3515 -.3576 -.4169 -.4301 -.3910 -.4457

PARAMETRIC DATA

ALUMINUM = 14.0000 54.5000 1.0000  
 RUBBER = 1.0000 54.5000 1.0000

ARC11-716 IA14 01\*12\*312N25\*AT10 ET + SRM BASE

(R81Y28) ( 28 SEP 73 )

REFERENCE DATA

SREF = 2.4210 90.FT. XMRP = 29.5800 INCHES  
 LREF = 36.7090 INCHES /MRP = .0000 INCHES  
 BRP = 36.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

MACH ( 1 ) = 1.246 BETA0 ( 1 ) = -10.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3265 -.3743 -.4033 -.4168 -.4333 -.4436

MACH ( 1 ) = 1.245 BETA0 ( 2 ) = -7.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3202 -.3938 -.3562 -.3921 -.4049 -.4231

MACH ( 1 ) = 1.246 BETA0 ( 3 ) = -6.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3024 -.3739 -.3504 -.3977 -.4096 -.4258

MACH ( 1 ) = 1.247 BETA0 ( 4 ) = -3.950

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2831 -.3013 -.3412 -.3817 -.3856 -.4165

PARAMETRIC DATA

ALPHA0 = .000 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000



DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(R81Y08)

ATCII 718 1A14 32110310323110 ET + SPV 048E

MACH 1.10 \* 1.348 807AD 5 \* -2.041

50100 1.1 ET + 1.1 1A14 DEPENDENT VARIABLE OF

1A14 50100 1.1 1A14 1.1 1A14 1.1 1A14 1.1 1A14 1.1

5000 -1.2871 -1.3313 -1.3294 -1.279 -1.3543 -1.4100

1.04 1.10 \* 1.145 857AD 1.5 \* 1.010

500100 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1

TAT NO 501.00 1.0302.070301.040302.080403.000004.0000

1000 -1.2597 -1.2706 -1.2484 -1.3610 -1.3636 -1.4013

ARC11-716 IA14 01-712 12N85+AT10 ET + SRM BASE

(R81Y29) ( 29 SEP 75 )

REFERENCE DATA

SREF = 2.4210 59. FT. XMRP = 29.5800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

MACH ( 1 ) = 1.245 BETA0 ( 1 ) = .030

SECTION ( 1 ) ET + SRM BASE

DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3266 -.3334 -.3866 -.4176 -.4077 -.4339

PARAMETRIC DATA

ALPHA = -10.000 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000



(RBIY30) ( 02 OCT 75 )

TABULATED PRESSURE DATA - 1A14A - VOL. 10  
ARC11-716 1A14 01+12+18+25+AT11 ET + SRM BASE

PARAMETRIC DATA

ALPHA # .000 ELEVON # .000  
RUDDER # .000 SPOILER # .000

REFERENTE DATA

SREF # 2.4210 32. FT. AREF # 29.2600 INCHES  
LREF # 36.7590 INCHES YREF # .0000 INCHES  
BREF # 36.7590 INCHES ZREF # .0000 INCHES  
SCALE # .0000 SCALE

MACH ( 1 ) # .972 BETAO ( 1 ) # .040

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3507 -.3745 -.3282 -.3121 -.3166 -.3715

MACH ( 2 ) # 1.002 BETAO ( 1 ) # .040

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3541 -.3668 -.3605 -.3551 -.3636 -.4135

MACH ( 3 ) # 1.025 BETAO ( 1 ) # .040

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3519 -.3695 -.3613 -.3778 -.3680 -.4374

ARC11-716 IA14 01\*18\*91285\*AT10 ET + SRM BASE

(RB1Y31) ( 06 FEB 74 )

PARAMETRIC DATA

REFERENCE DATA

BREF = 2.4210 98.FT. YMRP = 29.9800 INCHES  
 LREF = 36.7090 INCHES YMRP = .0000 INCHES  
 BREF = 36.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHA( 1 ) = -10.140 BETA( 1 ) = -6.370  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000  
 .000 -.4049 -.3856 -.4463 -.4310 -.3836 -.4486

ALPHA( 1 ) = -10.130 BETA( 2 ) = -6.560  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000  
 .000 -.3996 -.3870 -.4329 -.4056 -.3685 -.4312

ALPHA( 1 ) = -10.130 BETA( 3 ) = -4.840  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000  
 .000 -.3818 -.3750 -.4235 -.4051 -.3706 -.4321

ALPHA( 1 ) = -10.080 BETA( 4 ) = -3.250  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000  
 .000 -.3588 -.3504 -.4174 -.4017 -.3653 -.4317

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DATE 09 JAN 73 TABULATED PRESSURE DATA - IAI14 - VOL. 10  
APC11-716 IAI4 01+712+512-CP+AT10 ET + SRM BASE (RBIY31)

ALPHAD( 1 ) = -10.040 BETA0 ( 5 ) = -1.600

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3548 -.3351 -.3928 -.4039 -.3704 -.4353

ALPHAD( 1 ) = -10.040 BETA0 ( 6 ) = .100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3349 -.3135 -.3600 -.3937 -.3732 -.4284

ALPHAD( 1 ) = -10.040 BETA0 ( 7 ) = 1.810

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3547 -.3964 -.3482 -.3846 -.3728 -.4108

ALPHAD( 1 ) = -10.130 BETA0 ( 8 ) = 3.580

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3610 -.3944 -.3076 -.3447 -.3699 -.4023

ALPHAD( 1 ) = -10.130 BETA0 ( 9 ) = 5.250

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3782 -.4239 -.2844 -.3096 -.3370 -.3654

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ALPHA( 1 ) = -10.120    BETA( 10 ) = 7.010  
SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3926    -.4459    -.2550    -.2483    -.3056    -.3252

ALPHA( 1 ) = -10.130    BETA( 11 ) = 6.780  
SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3810    -.3859    -.2425    -.2463    -.2699    -.2931

ALPHA( 2 ) = -8.110    BETA( 1 ) = -8.350  
SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3765    -.3646    -.4340    -.4107    -.3747    -.4352

ALPHA( 2 ) = -8.120    BETA( 2 ) = -6.640  
SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3757    -.3607    -.4314    -.3990    -.3677    -.4342

ALPHA( 2 ) = -8.120    BETA( 3 ) = -4.940  
SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3590    -.3484    -.4265    -.3954    -.3658    -.4300



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAINA - VOL. 10

(R01131)

ARC11-716 IATA 21\*112+S12\*83\*AT10 ET + SRM BASE

ALPHA( 1 ) = -0.130 BETA( 4 ) = -3.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -0.3510 -0.3559 -0.4197 -0.3954 -0.3699 -0.4272

ALPHA( 2 ) = -0.130 BETA( 5 ) = -1.600

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -0.3364 -0.3187 -0.3875 .3915 -0.3632 -0.4292

ALPHA( 2 ) = -0.130 BETA( 6 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -0.3532 -0.3062 -0.3669 -0.3920 -0.3706 -0.4299

ALPHA( 2 ) = -0.120 BETA( 7 ) = 1.700

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -0.3387 -0.3628 -0.3487 -0.3622 -0.3547 -0.3918

ALPHA( 2 ) = -0.110 BETA( 8 ) = 3.340

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -0.3440 -0.3419 -0.2950 -0.3009 -0.3185 -0.3504

ARC11-716 IAI14 01\*18\*312825\*AT10 ET \* SRM BASE

(R21731)

ALPHA( 8 ) = -6.080 BETA( 9 ) = 4.950

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3472 -.3485 -.2473 -.2852 -.2517 -.3094

ALPHA( 8 ) = -6.080 BETA( 10 ) = 6.750

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3570 -.3753 -.2414 -.2319 -.2860 -.3028

ALPHA( 8 ) = -6.080 BETA( 11 ) = 6.570

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3712 -.3930 -.2442 -.2346 -.3046 -.3068

ALPHA( 3 ) = -6.100 BETA( 1 ) = -6.140

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000901.0000902.0000903.0000904.0000

.000 -.3389 -.3480 -.4191 -.4121 -.3645 -.4209

ALPHA( 3 ) = -6.110 BETA( 2 ) = -6.480

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3532 -.3453 -.4190 -.3910 -.3575 -.4212



ARC11-716 IAI4 01710312NSPATIO ET + SRM BASE (R01731)

ALPHA( 3 ) = -6.190    BETA( 3 ) = -4.820

SECTION ( 1 ) ET + SRM BASE           DEPENDENT VARIABLE CP

TAP NO   901.0000502.0000801.0000802.0000803.0000804.0000

.070   -1.3433   -1.3398   -1.4188   -1.3819   -1.3502   -1.4800

ALPHA( 3 ) = -6.140    BETA( 4 ) = -3.820

SECTION ( 1 ) ET + SRM BASE           DEPENDENT VARIABLE CP

TAP NO   901.0000502.0000801.0000802.0000803.0000804.0000

.000   -1.3301   -1.3814   -1.4017   -1.5834   -1.3510   -1.4241

ALPHA( 3 ) = -6.030    BETA( 5 ) = -1.620

SECTION ( 1 ) ET + SRM BASE           DEPENDENT VARIABLE CP

TAP NO   901.0000502.0000801.0000802.0000803.0000804.0000

.000   -1.3249   -1.3071   -1.3011   -1.3768   -1.3555   -1.4178

ALPHA( 3 ) = -6.030    BETA( 6 ) =   .000

SECTION ( 1 ) ET + SRM BASE           DEPENDENT VARIABLE CP

TAP NO   901.0000502.0000801.0000802.0000803.0000804.0000

.000   -1.3037   -1.2894   -1.3466   -1.3741   -1.3501   -1.4170

ALPHA( 3 ) = -6.030    BETA( 7 ) =  1.640

SECTION ( 1 ) ET + SRM BASE           DEPENDENT VARIABLE CP

TAP NO   901.0000502.0000801.0000802.0000803.0000804.0000

.000   -1.3839   -1.3324   -1.3242   -1.3379   -1.3401   -1.3761

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 OI+TI2+S12+N25+AT10 ET + SRM BASE (RB1Y31)

ALPHA( 3 ) = -6.180 BETA ( 8 ) = 3.330

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3292 -.3228 -.2765 -.2942 -.3001 -.3487

ALPHA( 3 ) = -6.180 BETA ( 9 ) = 5.010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3480 -.3403 -.2433 -.2696 -.2816 -.3123

ALPHA( 3 ) = -6.140 BETA ( 10 ) = 6.740

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3524 -.3633 -.2373 -.2476 -.2813 -.2973

ALPHA( 3 ) = -6.140 BETA ( 11 ) = 8.500

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3492 -.3765 -.2391 -.2353 -.2933 -.2958

ALPHA( 4 ) = -4.170 BETA ( 1 ) = -9.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3369 -.3530 -.4196 -.4281 -.3751 -.4531



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAINA - VOL. 10

(R01Y31)

ARC11-716 IAINA DATA SIGN25+AT10 ET + SRM BASE

ALPHA( 4 ) = -4.190 BETA( 2 ) = -7.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3541 -0.3442 -0.4058 -0.4113 -0.3638 -0.4235

ALPHA( 4 ) = -4.210 BETA( 3 ) = -5.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3423 -0.3369 -0.4052 -0.3952 -0.3626 -0.4155

ALPHA( 4 ) = -4.190 BETA( 4 ) = -3.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3284 -0.3274 -0.3998 -0.3880 -0.3561 -0.4109

ALPHA( 4 ) = -4.180 BETA( 5 ) = -1.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3197 -0.3071 -0.3844 -0.3821 -0.3511 -0.4167

ALPHA( 4 ) = -4.180 BETA( 6 ) = .030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3065 -0.3188 -0.3341 -0.3261 -0.3174 -0.3919

ARC11-716 IAI4 01+T12+S12N25+AT10 ET + SRM BASE (RBIY31)

ALPHA( 4) = -4.170 BETA( 7) = 2.020

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3093 -.3362 -.3005 -.3200 -.3200 -.3366

ALPHA( 4) = -4.240 BETA( 8) = 4.040

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3234 -.3626 -.2645 -.2982 -.3055 -.3507

ALPHA( 4) = -4.230 BETA( 9) = 6.050

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3443 -.4079 -.2709 -.2954 -.3059 -.3412

ALPHA( 4) = -4.200 BETA( 10) = 6.070

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3444 -.4158 -.2527 -.2736 -.3075 -.3190

ALPHA( 4) = -4.200 BETA( 11) = 10.080

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3548 -.3750 -.2383 -.2388 -.2696 -.3033



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAL14A - VOL. 10

(RBIY31)

ASC11-716 IAL4 24\*112+SIGN23\*AT10 ET + SRM BASE

ALPHA( 5 ) = -2.878 BETAO ( 1 ) = -9.990  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -0.3259 -0.3560 -0.4258 -0.4206 -0.3978 -0.4514

ALPHA( 5 ) = -2.820 BETAO ( 2 ) = -7.990  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -0.3458 -0.3483 -0.3978 -0.4056 -0.3616 -0.4321

ALPHA( 5 ) = -2.870 BETAO ( 3 ) = -5.970  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -0.3397 -0.3365 -0.3943 -0.3960 -0.3664 -0.4125

ALPHA( 5 ) = -2.860 BETAO ( 4 ) = -3.980  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -0.3290 -0.3195 -0.3845 -0.3805 -0.3537 -0.4085

ALPHA( 5 ) = -2.840 BETAO ( 5 ) = -1.990  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -0.3234 -0.2976 -0.3680 -0.3756 -0.3492 -0.4081

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DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(R81Y31)

ARC11-716 1A14 01\*112+S12N25\*AT10 ET + SRM BASE

ALPHA( 5 ) = -2.840 BETA( 6 ) = .010  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3031 -.3318 -.3141 -.3113 -.3718  
 ALPHA( 5 ) = -2.840 BETA( 7 ) = 2.040  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3136 -.3356 -.2983 -.3170 -.3305 -.3732  
 ALPHA( 5 ) = -2.860 BETA( 8 ) = 4.050  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3276 -.3596 -.2613 -.2776 -.2914 -.3202  
 ALPHA( 5 ) = -2.870 BETA( 9 ) = 6.060  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3334 -.3479 -.2442 -.2731 -.2909 -.2954  
 ALPHA( 5 ) = -2.870 BETA( 10 ) = 6.070  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3476 -.3688 -.2287 -.2582 -.2887 -.2934



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10  
ARC11-716 IAI14 D1+T12+512+25\*ATIO ET + SRM BASE (RB1731)

ALPHA( 5 ) = -2.833 BETA( 11 ) = 10.090  
SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -3.495 -3.725 -3.237 -3.265 -3.2835 -3.2986

ALPHA( 6 ) = -1.650 BETA( 1 ) = -10.000  
SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -3.551 -3.557 -4.226 -4.479 -3.986 -4.452

ALPHA( 6 ) = -1.680 BETA( 2 ) = -7.980  
SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -3.464 -3.399 -3.945 -4.145 -3.730 -4.268

ALPHA( 6 ) = -1.670 BETA( 3 ) = -5.980  
SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -3.332 -3.324 -3.752 -4.091 -3.579 -4.416

ALPHA( 6 ) = -1.660 BETA( 4 ) = -3.970  
SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -3.316 -3.302 -3.355 -3.3870 -3.3565 -4.038

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

(RB1Y31)

ARC11-716 IAI14 01+712+512N23+AT10 ET + SRM BASE

ALPHA( 6 ) = -.660 BETA( 5 ) = -1.980  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -.3091 -.2955 -.3467 -.3722 -.3439 -.3840

ALPHA( 6 ) = -.660 BETA( 6 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3103 -.3343 -.3074 -.3044 -.3139 -.3696

ALPHA( 6 ) = -.670 BETA( 7 ) = 2.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3093 -.3289 -.2843 -.3021 -.3144 -.3464

ALPHA( 6 ) = -.660 BETA( 8 ) = 4.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3213 -.3236 -.2612 -.2929 -.3034 -.3231

ALPHA( 6 ) = -.690 BETA( 9 ) = 6.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3266 -.3419 -.2453 -.2803 -.2916 -.3064



DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC: 1716 1A14 01+112+512485+AT10 ET + SRM BASE (R81731)

ALPHA( 6 ) = -.690 BETA( 10 ) = 8.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3313 -.3598 -.2533 -.2732 -.2881 -.3081

ALPHA( 6 ) = -.690 BETA( 11 ) = 10.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3422 -.3613 -.2452 -.2732 -.2918 -.3038

ALPHA( 7 ) = 2.060 BETA( 1 ) = -10.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3418 -.3467 -.4103 -.4206 -.4033 -.4431

ALPHA( 7 ) = 1.960 BETA( 2 ) = -5.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3136 -.3065 -.3510 -.3853 -.3575 -.3986

ALPHA( 7 ) = 1.970 BETA( 3 ) = -3.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3037 -.2905 -.3320 -.3689 -.3461 -.3840

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(RBIY31)

ARC11-716 IAI14 01+T12+S1RMS+AT110 ET + SRM BASE

ALPHA( 7 ) = 1.980 BETA( 4 ) = -1.990  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3064 -.2810 -.3183 -.3523 -.3460 -.3795

ALPHA( 7 ) = 1.980 ETA( 5 ) = .060  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2843 -.3171 -.2843 -.3026 -.3106 -.3637

ALPHA( 7 ) = 1.970 BETA( 6 ) = 2.040  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3024 -.3195 -.2743 -.2993 -.3111 -.3518

ALPHA( 7 ) = 2.050 BETA( 7 ) = 4.050  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3108 -.3110 -.2845 -.2975 -.3045 -.3323

ALPHA( 7 ) = 2.050 BETA( 8 ) = 6.070  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3204 -.3328 -.2605 -.3008 -.3130 -.3508



DATE 08 JAN 75 75 KATED PRESSURE DATA - IAL14A - VOL. 10

ARC11-716 IAL1 01+112+512+25+AT10 ET + SRM BASE (R81731)

ALPHA( 7 ) = 2.040 BETA( 9 ) = 8.790

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.000002.000001.000002.000003.000004.0000

.000 -.3220 -.3440 -.2535 -.2850 -.3732 -.3259

ALPHA( 7 ) = 2.020 BETA( 10 ) = 10.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.000002.000001.000002.000003.000004.0000

.000 -.3338 -.3536 -.2640 -.2910 -.3122 -.3327

ALPHA( 8 ) = 4.110 BETA( 1 ) = -10.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.000002.000001.000002.000003.000004.0000

.000 -.3323 -.3261 -.3062 -.4116 -.3072 -.4360

ALPHA( 8 ) = 4.130 BETA( 2 ) = -7.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.000002.000001.000002.000003.000004.0000

.000 -.3132 -.3135 -.3639 -.3943 -.3769 -.4132

ALPHA( 8 ) = 4.150 BETA( 3 ) = -5.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.000002.000001.000002.000003.000004.0000

.000 -.3030 -.2983 -.3459 -.3840 -.3643 -.4019

DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10  
ARC11-716 IAI4 01+T12+12423+AT10 ET + SRM BASE  
(RBIY31)

ALPHA( 0 ) = 4.160 BETA( 4 ) = -3.960  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2985 -.2911 -.3240 -.3724 -.3529 -.3801

ALPHA( 0 ) = 4.040 BETA( 9 ) = -1.980  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2937 -.2799 -.3165 -.3649 -.3503 -.3770

ALPHA( 0 ) = 4.030 BETA( 6 ) = .030  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2963 -.3249 -.2905 -.3169 -.3196 -.3783

ALPHA( 0 ) = 4.050 BETA( 7 ) = 2.050  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3016 -.3152 -.2920 -.3129 -.3249 -.3736

ALPHA( 0 ) = 4.030 BETA( 8 ) = 4.050  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2965 -.2960 -.2798 -.3147 -.3099 -.3514

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10  
ASCII: 116 IAI4 D1+T2+312N23+RATIO ET + SRM BASE (R81731)

ALPHA( 8 ) = 4.029 BETA( 9 ) = 6.373

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3338 -.3174 -.2700 -.1555 -.3147 -.3460

ALPHA( 8 ) = 4.010 BETA( 10 ) = 8.103

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3171 -.3370 -.2756 -.3046 -.3185 -.3398

ALPHA( 8 ) = 4.000 BETA( 11 ) = 10.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3163 -.3305 -.2525 -.2345 -.3172 -.3370

ALPHA( 8 ) = 6.000 BETA( 1 ) = -9.983

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3312 -.3303 -.3923 -.4122 -.3836 -.4418

ALPHA( 8 ) = 9.830 BETA( 2 ) = -7.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3131 -.3121 -.3760 -.3998 -.3852 -.4255

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ARC11-716 IATA 01-T12-S12E25+AT10 ET + SRM BASE (R:1731)

ALPHA( 8 ) = 5.960 BETA( 3 ) = -5.960

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3078 -.2933 -.3514 -.3938 -.3804 -.4010

ALPHA( 8 ) = 5.950 BETA( 4 ) = -5.970

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2928 -.2796 -.3294 -.3787 -.3657 -.3924

ALPHA( 8 ) = 5.940 BETA( 5 ) = -5.960

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2928 -.2799 -.3245 -.3767 -.3710 -.3928

ALPHA( 8 ) = 5.940 BETA( 6 ) = .040

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3051 -.3413 -.3198 -.3391 -.3475 -.4000

ALPHA( 8 ) = 5.880 BETA( 7 ) = 2.060

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3057 -.3459 -.3187 -.3267 -.3378 -.3873



DATE 09 JAN 73 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(R01"31)

ARC11-715 1A14 01+112+912NS+AT10 ET + SRM BASE

ALPHA( 9) = 5.990 BETA( 9) = 4.070  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8969 -.3028 -.2331 -.3300 -.3412 -.3782

ALPHA( 9) = 5.990 BETA( 9) = 6.100

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3103 -.3235 -.3032 -.3279 -.3293 -.3577

ALPHA( 9) = 6.020 BETA( 10) = 6.130

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3089 -.3229 -.2872 -.3098 -.3179 -.3596

ALPHA( 9) = 5.990 BETA( 11) = 10.150

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3211 -.3365 -.2764 -.3133 -.3247 -.3606

ALPHA(10) = 6.050 BETA( 1) = -9.970

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3166 -.3198 -.3995 -.4180 -.3897 -.4455

DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

ARC11-716 IAI14 01+T1E2+S1E2S+AT10 ET + SRM BASE (R81Y31)

ALPHA0(10) = 8.000 BETA0 ( 2 ) = -7.950  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3027 -.3057 -.3886 -.3997 -.3898 -.4347

ALPHA0(10) = 7.980 BETA0 ( 3 ) = -5.950  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2912 -.2867 -.3540 -.3952 -.3768 -.4137

ALPHA0(10) = 7.940 BETA0 ( 4 ) = -3.970  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2810 -.2763 -.3339 -.3798 -.3644 -.4010

ALPHA0(10) = 7.940 BETA0 ( 5 ) = -1.980  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2828 -.2748 -.3387 -.3824 -.3854 -.4123

ALPHA0(10) = 7.890 BETA0 ( 6 ) = .030  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2823 -.2905 -.3402 -.3949 -.3787 -.4023

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

(RBIY31)

ARC11-718 IAI4 C1712-S12N25+T10 ET + SRM BASE

ALPHA(10) = 7.840 BETA( 7) = 2.060

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2923 -.3166 -.3379 -.3551 -.3642 -.4037

ALPHA(10) = 6.010 BETA( 8) = 4.090

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2998 -.3104 -.3338 -.3532 -.3617 -.3966

ALPHA(10) = 6.000 BETA( 9) = 6.120

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2973 -.3199 -.3252 -.3423 -.3639 -.3837

ALPHA(10) = 7.980 BETA( 10) = 6.120

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3104 -.3311 -.3227 -.3419 -.3663 -.3793

ALPHA(10) = 7.950 BETA( 11) = 0.200

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3101 -.3283 -.3115 -.3212 -.3495 -.3761

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1Y31)

ARC11-716 IA14 01+112+912N23+AT10 ET + SRM BASE

ALPHA(11) = 9.990 BETA( 1 ) = -9.930  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3227 -.3230 -.3998 -.4067 -.3864 -.4423

ALPHA(11) = 10.010 BETA( 2 ) = -7.910  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3074 -.3106 -.3514 -.4253 -.4079 -.4567

ALPHA(11) = 9.920 BETA( 3 ) = -5.920  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3002 -.3044 -.3923 -.4167 -.4032 -.4490

ALPHA(11) = 9.940 BETA( 4 ) = -3.950  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2960 -.2937 -.3852 -.4208 -.4119 -.4540

ALPHA(11) = 9.940 BETA( 5 ) = -1.960  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2910 -.2945 -.3867 -.4160 -.4150 -.4569



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAIKA - VOL. 10

(R81731)

ARC11-716 DATA 01\*112\*512\*25\*.710 ET \* SRM BASE

ALPHA(11) = 9.980 BETA( 8 ) = .040  
 SECTION ( 11)ET \* SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2886 -.2844 -.3721 -.4004 -.4101 -.4330  
 ALPHA(11) = 9.950 BETA( 7 ) = 2.270  
 SECTION ( 11)ET \* SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2847 -.3054 -.3583 -.3737 -.3918 -.4105  
 ALPHA(11) = 9.990 BETA( 8 ) = 4.110  
 SECTION ( 11)ET \* SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3022 -.3180 -.3441 -.3265 -.3575 -.3754  
 ALPHA(11) = 9.980 BETA( 9 ) = 6.130  
 SECTION ( 11)ET \* SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2931 -.3285 -.3239 -.3113 -.3475 -.3564  
 ALPHA(11) = 10.030 BETA( 10 ) = 8.170  
 SECTION ( 11)ET \* SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2906 -.3214 -.3112 -.3075 -.3581 -.3683

DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

ARC11-756 IAI4 01+T1E+912N25+AT10 ET + SRM BASE (RB1Y31)

ALPHAC(11) = 10.080 BETAC (11) = 10.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3115 -.3398 -.3319 -.3160 -.3668 -.3778



ARC11-716 IAI4 01-112+312425+ATIO ET + SRM BASE

REFERENCE DATA  
 TAP NO 201.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.240 BETA( 1 ) = -9.900  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 .000 -1.4243 -1.4192 -1.5189 -1.5522 -1.5376 -1.5556  
 ALPHA( 1 ) = -10.220 BETA( 2 ) = -7.890  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.220 BETA( 3 ) = -5.900  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.230 BETA( 4 ) = -3.930  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.243 BETA( 5 ) = -1.927  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.240 BETA( 6 ) = -1.5571  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

PARAMETRIC DATA  
 TAP NO 201.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.240 BETA( 1 ) = -9.900  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 .000 -1.4243 -1.4192 -1.5189 -1.5522 -1.5376 -1.5556  
 ALPHA( 1 ) = -10.220 BETA( 2 ) = -7.890  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.220 BETA( 3 ) = -5.900  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.230 BETA( 4 ) = -3.930  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.243 BETA( 5 ) = -1.927  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 YAP NO 501.0000002.0000001.0000002.0000003.0000004.0000  
 ALPHA( 1 ) = -10.240 BETA( 6 ) = -1.5571  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP



DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10  
ARC11-716 1A14 01+112+312N25+AT10 ET + SRM BASE  
(RBIY32)

ALPHA( 1 ) = -10.830 BETA( 3 ) = -1.940  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3841 -.3951 -.5830 -.5346 -.5198 -.5593

ALPHA( 1 ) = -10.840 BETA( 6 ) = .030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3930 -.3994 -.5015 -.5159 -.5066 -.5396

ALPHA( 1 ) = -10.250 BETA( 7 ) = 2.040

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3853 -.4186 -.4585 -.4788 -.4762 -.5148

ALPHA( 1 ) = -10.260 BETA( 8 ) = 4.030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3974 -.4407 -.3933 -.3941 -.4208 -.4422

ALPHA( 1 ) = -10.830 BETA( 9 ) = 6.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.4143 -.4582 -.3844 -.3662 -.3883 -.4071

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DATA IN TAP NO 501.0000302 PRESSURE DATA - 14.44 - VOL. 10  
APPROXIMATE TAP NO 501.0000302 ET + SRM BASE (881332)

ALPHA(1) = -10.230 BETA(1) = 10.110  
SECTION (1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302 PRESSURE DATA - 14.44 - VOL. 10  
ALPHA(1) = -10.230 BETA(1) = 10.110  
SECTION (1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302 PRESSURE DATA - 14.44 - VOL. 10  
ALPHA(1) = -10.230 BETA(1) = 10.110  
SECTION (1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302 PRESSURE DATA - 14.44 - VOL. 10  
ALPHA(1) = -10.230 BETA(1) = 10.110  
SECTION (1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302 PRESSURE DATA - 14.44 - VOL. 10  
ALPHA(1) = -10.230 BETA(1) = 10.110  
SECTION (1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302 PRESSURE DATA - 14.44 - VOL. 10  
ALPHA(1) = -10.230 BETA(1) = 10.110  
SECTION (1) ET + SRM BASE DEPENDENT VARIABLE CP

DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10  
ARC11-716 IAI4 01+T12+S12N23+AT10 ET + SRM BASE (R81Y32)

ALPHA( 8 ) = -6.220 BETA( 4 ) = -1.980  
SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3848 -.3865 -.5345 -.5208 -.5115 -.5432

ALPHA( 8 ) = -8.150 BETA( 5 ) = .010

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3740 -.3804 -.4843 -.5081 -.4905 -.5236

ALPHA( 8 ) = -8.180 BETA( 6 ) = 2.040

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3693 -.3984 -.4497 -.4784 -.4621 -.5080

ALPHA( 8 ) = -8.240 BETA( 7 ) = 4.040

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3792 -.3903 -.3863 -.3725 -.3936 -.4248

ALPHA( 8 ) = -8.220 BETA( 8 ) = 6.070

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3891 -.3959 -.3456 -.3360 -.3768 -.3844



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DATE OF ... THIS ALSO ... DATA ...

SECTION ( 1) ET + SRM BASE

ALPHA ( 3) = -6.230 BETAD ( 3) = -5.960

SECTION ( 1) ET + SRM BASE

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -4.190 -4.190 -3.882 -3.569 -3.409 -3.430

ALPHA ( 3) = -6.240 BETAD ( 3) = -5.960

SECTION ( 1) ET + SRM BASE

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -4.190 -4.190 -3.882 -3.569 -3.409 -3.430

ALPHA ( 3) = -6.210 BETAD ( 3) = -5.960

SECTION ( 1) ET + SRM BASE

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -3.990 -3.997 -3.5025 -3.5141 -3.5115 -3.5336

ALPHA ( 3) = -6.220 BETAD ( 3) = -5.960

SECTION ( 1) ET + SRM BASE

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -3.968 -3.977 -3.4669 -3.5106 -3.5026 -3.5255

ALPHA ( 3) = -6.230 BETAD ( 3) = -5.960

SECTION ( 1) ET + SRM BASE

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -3.887 -3.794 -3.4882 -3.5076 -3.5021 -3.5241

DATE 08 JAN 75 TABULATED PRESSURE DATA - IAIKA - VOL. 10  
ARC11-716 IAI4 D1ATER+SIGN83+AT10 ET + SRM BASE (RBY5E)

ALPHA( 3 ) = -6.180 BETA( 4 ) = -1.780

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3694 -.3676 -.4817 -.5015 -.4984 -.5286

ALPHA( 3 ) = -6.130 BETA( 5 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3874 -.3848 -.4817 -.4903 -.4769 -.5063

ALPHA( 3 ) = -6.180 BETA( 6 ) = 2.030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3563 -.3804 -.4331 -.4667 -.4564 -.4902

ALPHA( 3 ) = -6.110 BETA( 7 ) = 4.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3654 -.3833 -.3813 -.3792 -.3901 -.4139

ALPHA( 3 ) = -6.190 BETA( 8 ) = 6.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3786 -.3970 -.3802 -.3488 -.3818 -.3865

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SECTION (1) ET + SRW BASE

ALPHA (1) = -4.272    BETAS (1) = -5.970

TAP NO    901.0000302.0000801.0000802.0000803.0000804.0000

          .000    .000    .000    .000    .000

.000    -4.272    -5.970    .000    .000    .000

ALPHA (3) = -4.272    BETAS (3) = -5.970

SECTION (1) ET + SRW BASE    DEPENDENT VARIABLE CP

TAP NO    901.0000302.0000801.0000802.0000803.0000804.0000

.000    -4.272    -5.970    -3.991    -3.754    -3.971    -4.129

ALPHA (4) = -4.272    BETAS (4) = -5.970

SECTION (1) ET + SRW BASE    DEPENDENT VARIABLE CP

TAP NO    901.0000302.0000801.0000802.0000803.0000804.0000

.000    -4.272    -5.970    -4.272    -4.272    -4.272    -4.272

ALPHA (4) = -4.272    BETAS (4) = -5.970

SECTION (1) ET + SRW BASE    DEPENDENT VARIABLE CP

TAP NO    901.0000302.0000801.0000802.0000803.0000804.0000

.000    -4.272    -5.970    -4.748    -4.951    -4.954    -5.146

ALPHA (4) = -4.272    BETAS (4) = -5.970

SECTION (1) ET + SRW BASE    DEPENDENT VARIABLE CP

TAP NO    901.0000302.0000801.0000802.0000803.0000804.0000

.000    -4.272    -5.970    -4.738    -4.975    -4.984    -5.116

DATE 08 JAN 79 TABULATED PRESSURE DATA - IATA - VOL. 10  
ARC11-716 IATA DISTRIBUTION RATIO ET + SRM BASE (RE1132)

ALPHA( 4) = 4.122 BETA( 4) = 2.972  
SECTION 11E7 + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000522.0000601.0000602.0000603.0000604.0000

.000 -1.3610 -1.3540 -1.4788 -1.5027 -1.4952 -1.5236  
ALPHA( 4) = -4.240 BETA( 5) = -1.960  
SECTION 11E7 + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000522.0000601.0000602.0000603.0000604.0000

.000 -1.3266 -1.3425 -1.4666 -1.4903 -1.4780 -1.5126  
ALPHA( 4) = -4.220 BETA( 6) = 2.020  
SECTION 11E7 + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000522.0000601.0000602.0000603.0000604.0000

.000 -1.3464 -1.3399 -1.4466 -1.4773 -1.4633 -1.4960  
ALPHA( 4) = -4.290 BETA( 7) = 2.020  
SECTION 11E7 + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000522.0000601.0000602.0000603.0000604.0000

.000 -1.3499 -1.3682 -1.4748 -1.4507 -1.4403 -1.4751  
ALPHA( 4) = -4.310 BETA( 8) = 4.040  
SECTION 11E7 + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000522.0000601.0000602.0000603.0000604.0000

.000 -1.3492 -1.3688 -1.3692 -1.3760 -1.3923 -1.4165



DATE OF JAN 75 TABULATED PRESSURE DATA - IAINA - VOL. 10  
APC11-716 IAINA 01-112+512N25+110 ET + SRM BASE

(RBIY32)

ALPHA( 4 ) = -4.829 BETA( 9 ) = 2.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3741 -0.3923 -0.3690 -0.3651 -0.3756 -0.3940

ALPHA( 4 ) = -4.210 BETA( 10 ) = 10.1100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3086 -0.3930 -0.3651 -0.3646 -0.3690 -0.4169

ALPHA( 5 ) = -2.920 BETA( 1 ) = -10.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3802 -0.3910 -0.4860 -0.5031 -0.5021 -0.5299

ALPHA( 5 ) = -2.930 BETA( 2 ) = -8.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3769 -0.3807 -0.4682 -0.4916 -0.4921 -0.5174

ALPHA( 5 ) = -2.930 BETA( 3 ) = -5.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3604 -0.3501 -0.4597 -0.4673 -0.4684 -0.5092

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 1D

(RB1Y32)

ARC11-716 IA14 01\*712\*812N25\*AT10 ET + SRM BASE

ALPHA( 5 ) = -2.910 BETA( 4 ) = -3.960  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3528 -.3466 -.4600 -.4849 -.4800 -.5075

ALPHA( 5 ) = -2.910 BETA( 5 ) = -2.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3433 -.3317 -.4528 -.4837 -.4730 -.5003

ALPHA( 5 ) = -2.910 BETA( 6 ) = .020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3418 -.3341 -.4384 -.4720 -.4652 -.4946

ALPHA( 5 ) = -2.910 BETA( 7 ) = 2.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3325 -.3363 -.4092 -.4565 -.4497 -.4866

ALPHA( 5 ) = -2.920 BETA( 8 ) = 4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3458 -.4027 -.3936 -.4006 -.4175 -.4461



DATE 09 JAN 75 TABULATED PRESSURE DATA - 1414A - VOL. 10  
ARC11-215 1414 0A+112-S12N25+T10 ET + SRM BASE (RPIY32)

ALPHA( 9) = -2.930 BETA( 9) = 6.070

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3714 -0.4248 -0.3759 -0.3892 -0.3563 -0.4159

ALPHA( 9) = -2.920 BETA( 10) = 6.110

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3760 -0.3984 -0.3600 -0.3576 -0.3730 -0.3951

ALPHA( 9) = -2.600 BETA( 11) = 10.170

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3073 -0.3922 -0.3772 -0.3850 -0.3856 -0.4140

ALPHA( 8) = -0.750 BETA( 1) = -12.040

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3871 -0.3998 -0.4765 -0.3008 -0.5065 -0.5248

ALPHA( 8) = -0.740 BETA( 2) = -8.040

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3767 -0.3889 -0.4557 -0.4908 -0.4942 -0.5135

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-716 IAI14 01+718+SIENES+AT10 ET + SRM BASE (RBIY32)

ALPHA( 8 ) = -.720 BETA( 3 ) = -5.980  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000508.0000801.0000802.0000803.0000804.0000  
.000 -.3582 -.3633 -.4455 -.4877 -.4823 -.5047

ALPHA( 8 ) = -.710 BETA( 4 ) = -3.980  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3485 -.3471 -.4400 -.4785 -.4715 -.4983

ALPHA( 8 ) = -.700 BETA( 5 ) = -2.010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3327 -.3306 -.4339 -.4675 -.4633 -.4844

ALPHA( 8 ) = -.690 BETA( 6 ) = .040  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.003 -.3247 -.3178 -.4231 -.4676 -.4609 -.4882

ALPHA( 8 ) = -.680 BETA( 7 ) = 2.030  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3192 -.3458 -.4156 -.4500 -.4464 -.4766



DATE 08 JAN 78 FABULATED MEASURE DATA - IAL44 - VOL. 10  
ARCII-716 IAL4 01+12+512+23+AT10 ET + SRM BASE (RB1Y32)

ALPHA( 6 ) = -.710 BETA( 8 ) = 4.060  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3345 -.3667 -.3850 -.4033 -.4028 -.4340

ALPHA( 8 ) = -.720 BETA( 9 ) = 6.080  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3480 -.3777 -.3629 -.3758 -.3821 -.4055

ALPHA( 8 ) = -.730 BETA( 10 ) = 8.100  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3666 -.3844 -.3603 -.3645 -.3702 -.4004

ALPHA( 8 ) = -.740 BETA( 11 ) = 10.160  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3769 -.3874 -.3745 -.3952 -.3765 -.4105

ALPHA( 7 ) = 8.030 BETA( 1 ) = -10.000  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.3770 -.3984 -.4598 -.4880 -.4872 -.5156



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+T12+S12N23+AT10 ET + SRM BASE (R81Y32)

ALPHA( 7 ) = 8.060 BETA( 2 ) = -3.030  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3690 -.3891 -.4483 -.4893 -.4924 -.5200  
ALPHA( 7 ) = 2.000 BETA( 3 ) = -5.990  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3544 -.3732 -.4333 -.4764 -.4777 -.5021  
ALPHA( 7 ) = 1.940 BETA( 4 ) = -4.010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3337 -.3409 -.4151 -.4658 -.4624 -.4832  
ALPHA( 7 ) = 1.950 BETA( 5 ) = -2.000  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3230 -.3223 -.4082 -.4534 -.4438 -.4739  
ALPHA( 7 ) = 1.950 BETA( 6 ) = .040  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3138 -.3128 -.4034 -.4414 -.4336 -.4684



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01-T12-S12N25+AT10 ET + SRM BASE (R81732)

ALPHA( 7) = 1.930 BETA( 7) = 2.030

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3145 -.3381 -.3988 -.4300 -.4277 -.4625

ALPHA( 7) = 1.930 BETA( 8) = 4.070

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3216 -.3799 -.4019 -.4233 -.4254 -.4576

ALPHA( 7) = 1.960 BETA( 9) = 6.100

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3322 -.3976 -.3973 -.4133 -.4171 -.4460

ALPHA( 7) = 1.930 BETA( 10) = 8.100

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3551 -.3621 -.3661 -.3666 -.3606 -.4170

ALPHA( 7) = 1.940 BETA( 11) = 10.140

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3636 -.3644 -.3656 -.3658 -.3772 -.4236

(RBIY32)

ARC11-716 IAI14 01+T12+912N25+AT10 ET + SRM BASE

ALPHA( 8 ) = 3.970 BETA( 1 ) = -9.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3761 -.4078 -.4347 -.4770 -.4713 -.4958

ALPHA( 8 ) = 3.990 BETA( 2 ) = -8.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3567 -.3883 -.4452 -.4874 -.4905 -.5020

ALPHA( 8 ) = 3.970 BETA( 3 ) = -6.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3588 -.3655 -.4292 -.4733 -.4801 -.4863

ALPHA( 8 ) = 3.930 BETA( 4 ) = -3.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3287 -.3404 -.4157 -.4606 -.4583 -.4816

ALPHA( 8 ) = 3.930 BETA( 5 ) = -2.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3186 -.3210 -.4064 -.4460 -.4413 -.4716

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IALGA - VOL. 10

(R81Y32)

ARC11-718 1A14 01+T12-S12N25+T110 ET + SRM BASE

ALPHA ( 6 ) = 3.940 BETA ( 6 ) = 240  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

500 -1.3563 -1.3124 -1.4000 -1.4358 -1.4237 -1.4638  
 ALPHA ( 6 ) = 4.020 BETA ( 7 ) = 2.000  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -1.3100 -1.3369 -1.4103 -1.4420 -1.4327 -1.4732  
 ALPHA ( 8 ) = 4.020 BETA ( 8 ) = 4.070  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -1.3829 -1.3541 -1.3900 -1.4168 -1.4132 -1.4603  
 ALPHA ( 8 ) = 4.010 BETA ( 9 ) = 6.080  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -1.3366 -1.3709 -1.3789 -1.4040 -1.3998 -1.4368  
 ALPHA ( 8 ) = 4.060 BETA ( 10 ) = 8.110  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -1.3504 -1.3779 -1.3632 -1.3939 -1.3646 -1.4210

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ARC11-716 IAI4 01+T12+312NS+AT10 ET + SRM BASE

(R01Y32)

ALPHA( 8 ) = 4.050 BETA( 11 ) = 10.160

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3914 -.3913 -.3541 -.3948 -.3816 -.4325

ALPHA( 9 ) = 5.960 BETA( 1 ) = -9.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3804 -.3826 -.4420 -.4641 -.4607 -.4873

ALPHA( 9 ) = 5.960 BETA( 2 ) = -7.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3513 -.3870 -.4385 -.4684 -.4708 -.4921

ALPHA( 9 ) = 5.940 BETA( 3 ) = -5.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3376 -.3661 -.4358 -.4727 -.4799 -.4872

ALPHA( 9 ) = 5.960 BETA( 4 ) = -3.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3232 -.3433 -.4270 -.4639 -.4777 -.4816



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 1D

(R81Y52)

ARC11-716 IAI4 01+T12+312N25+AT10 ET + SRM BASE

ALPHA( 8 ) = 5.970 BETA( 5 ) = -1.970

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3136 -.3293 -.4154 -.4568 -.4675 -.4740

ALPHA( 8 ) = 5.980 BETA( 6 ) = .030

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3055 -.3202 -.4142 -.4573 -.4602 -.4823

ALPHA( 8 ) = 5.970 BETA( 7 ) = 2.030

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3059 -.3345 -.4143 -.4497 -.4450 -.4819

ALPHA( 8 ) = 5.950 BETA( 8 ) = 4.080

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3106 -.3517 -.4082 -.4383 -.4279 -.4686

ALPHA( 8 ) = 5.940 BETA( 9 ) = 6.100

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3282 -.3662 -.4007 -.4254 -.4221 -.4574

(RBY32)

ARC11-716 [A14 01+T12+31EN25+AT10 ET + SRM BASE

ALPHA( 8) = 5.820 BETA( 10) = 8.130

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3415 -.3789 -.3923 -.4147 -.4121 -.4422

ALPHA( 9) = 5.980 BETA( 11) = 10.150

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3468 -.3851 -.3842 -.4190 -.4089 -.4445

ALPHA(10) = 6.080 BETA( 1) = -9.950

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3516 -.4001 -.4402 -.4642 -.4585 -.4923

ALPHA(10) = 6.110 BETA( 2) = -7.950

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3429 -.3892 -.4391 -.4682 -.4669 -.4961

ALPHA(10) = 6.130 BETA( 3) = -5.940

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3317 -.3599 -.4355 -.4721 -.4745 -.4970



(R01Y32)

ARC11-716 1A14 01\*112\*512N85\*AT10 ET \* SRM BASE

ALPHA(10) = 7.980 BETA( 4) = -3.970

SECTION ( 1) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.000000.000002.0000003.0000004.0000

.000 -.3108 -.3455 -.4344 -.4726 -.4835 -.4933

ALPHA(10) = 8.010 BETA( 5) = -1.970

SECTION ( 1) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -.3059 -.3353 -.4375 -.4732 -.4826 -.4933

ALPHA(10) = 7.930 BETA( 6) = .060

SECTION ( 1) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -.2920 -.3108 -.4363 -.4702 -.4726 -.4939

ALPHA(10) = 7.970 BETA( 7) = 2.050

SECTION ( 1) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -.3006 -.3390 -.4421 -.4707 -.4730 -.4939

ALPHA(10) = 7.950 BETA( 8) = 4.080

SECTION ( 1) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000001.0000002.0000003.0000004.0000

.000 -.3120 -.3556 -.4854 -.4952 -.4993 -.4758

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(R01Y32)

DATE 08 JAN 73 TABULATED PRESSURE DATA - IAS14A - VOL. 1D  
ARC11-716 IAS14 Q1\*TI\*SIGN\*ATIO ET \* SRM BASE

ALPHA(10) = 7.929 BETA( 9) = 8.110  
SECTION ( 1)ET \* SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.000002.000001.000002.000003.000004.0000

.000 -.3222 -.3610 -.4240 -.4408 -.4460 -.4645

ALPHA(10) = 7.910 BETA(10) = 8.160  
SECTION ( 1)ET \* SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.000002.000001.000002.000003.000004.0000

.000 -.3261 -.3724 -.4087 -.4274 -.4395 -.4492

ALPHA(10) = 8.080 BETA(11) = 10.180  
SECTION ( 1)ET \* SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.000002.000001.000002.000003.000004.0000

.000 -.3369 -.3810 -.4138 -.4308 -.4488 -.4539

ALPHA(11) = 10.040 BETA( 1) = -9.930  
SECTION ( 1)ET \* SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.000002.000001.000002.000003.000004.0000

.000 -.3383 -.4032 -.4382 -.4677 -.4838 -.4941

ALPHA(11) = 9.930 BETA( 2) = -7.930  
SECTION ( 1)ET \* SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.000002.000001.000002.000003.000004.0000

.000 -.3488 -.3984 -.4331 -.4745 -.4830 -.4993



(881132)

ARC11-716 IA14 01\*712\*912825\*AT10 ET + SRM BASE

ALPHA0(11) = 0.960 BETA0 ( 3 ) = -5.920

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3338 -.3675 -.4539 -.4838 -.4800 -.5087

ALPHA0(11) = 0.960 BETA0 ( 4 ) = -3.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3824 -.3515 -.4576 -.4921 -.4921 -.5077

ALPHA0(11) = 0.950 BETA0 ( 5 ) = -1.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3033 -.3262 -.4569 -.4809 -.4781 -.4978

ALPHA0(11) = 0.950 BETA0 ( 6 ) = .030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8994 -.3196 -.4513 -.4725 -.4709 -.4878

ALPHA0(11) = 0.950 BETA0 ( 7 ) = 2.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3003 -.3344 -.4511 -.4702 -.4725 -.4843

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

(RBIY32)

ARC11-716 IAI4 01+T12+S12M23+AT10 ET + SRM BASE

ALPHA(11) = 9.900 BETA( 8) = 4.080  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3143 -.3563 -.4305 -.4527 -.4527 -.4732 -.4732

ALPHA(11) = 10.040 BETA( 9) = 6.140  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3260 -.3753 -.4342 -.4468 -.4560 -.4683 -.4683

ALPHA(11) = 10.030 BETA(10) = 8.160  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3391 -.3811 -.4182 -.4326 -.4449 -.4569 -.4569

ALPHA(11) = 10.070 BETA(11) = 10.230  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3309 -.3862 -.4234 -.4239 -.4427 -.4565 -.4565



ARC11-716 IAI4 D1+712+S12N23+AT10 ET + SRM BASE (RB1V33) ( 17 APR 74 )

REFERENCE DATA

SREF = 2.4210 SQ.FT. AREA = 29.5000 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHA( 1 ) = -15.340 BETA( 1 ) = -9.910

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3617 -.3743 -.4183 -.4732 -.4662 -.4694

ALPHA( 1 ) = -10.280 BETA( 2 ) = -7.920

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3379 -.3493 -.4074 -.4551 -.4449 -.4532

ALPHA( 1 ) = -10.250 BETA( 3 ) = -5.920

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3325 -.3460 -.4216 -.4423 -.4328 -.4522

ALPHA( 1 ) = -10.240 BETA( 4 ) = -3.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3167 -.3273 -.4213 -.4412 -.4320 -.4579

PARAMETRIC DATA

MACH = 1.250 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000

(R01Y33)

ARC11-716 1A14 01+712+312N23+AT10 ET + SRM BASE

ALPHA( 1 ) = -10.820    BETA( 5 ) = -1.970  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3246    -.3351    -.4173    -.4452    -.4315    -.4562

ALPHA( 1 ) = -10.160    BETA( 6 ) = .020  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3249    -.3371    -.3854    -.4156    -.4041    -.4338

ALPHA( 1 ) = -10.160    BETA( 7 ) = 2.040  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3224    -.3515    -.3571    -.3718    -.3781    -.4155

ALPHA( 1 ) = -10.820    BETA( 8 ) = 4.080  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3278    -.3730    -.3269    -.3308    -.3473    -.3748

ALPHA( 1 ) = -10.230    BETA( 9 ) = 6.080  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3399    -.3841    -.3213    -.3223    -.3440    -.3574



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10  
ARC11-716 IAL14 01+712+912N23+AT10 ET + SRM BASE (R81Y33)

ALPHA( 1 ) = -10.230 BETA( 10 ) = 8.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3396 -.3918 -.3293 -.3201 -.3495 -.3597

ALPHA( 1 ) = -10.240 BETA( 11 ) = 10.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3325 -.3629 -.3385 -.3057 -.3453 -.3489

ALPHA( 2 ) = -8.220 BETA( 1 ) = -9.940

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3468 -.4107 -.3687 -.4224 -.4101 -.4219

ALPHA( 2 ) = -8.240 BETA( 2 ) = -7.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3383 -.3456 -.4034 -.4463 -.4419 -.4482

ALPHA( 2 ) = -8.240 BETA( 3 ) = -5.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3858 -.3337 -.4138 -.4437 -.4427 -.4505

ARC11-716 IA14 01+712+SIEN25+T10 ET + SRM BASE

(R01Y33)

ALPHA( 2 ) = -0.250 BETA( 4 ) = -3.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3177 -.3281 -.4125 -.4403 -.4372 -.4534

ALPHA( 2 ) = -0.250 BETA( 5 ) = -1.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3158 -.3262 -.4024 -.4333 -.4278 -.4448

ALPHA( 2 ) = -0.250 BETA( 6 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3174 -.3281 -.3785 -.4089 -.3953 -.4255

ALPHA( 2 ) = -0.250 BETA( 7 ) = 2.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3082 -.3361 -.3547 -.3762 -.3731 -.4096

ALPHA( 2 ) = -0.250 BETA( 8 ) = 4.040

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3117 -.3325 -.3141 -.3089 -.3245 -.3406



DATE 08 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1733)

ARC11-716 IA14 01+T12+312M25+AT10 ET + SRM BASE

ALPHA( 2 ) = -8.220 BETA( 9 ) = 6.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3288 -.3459 -.2976 -.2900 -.3241 -.3238

ALPHA( 2 ) = -6.220 BETA( 10 ) = 8.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3326 -.3500 -.3115 -.2882 -.3272 -.3241

ALPHA( 2 ) = -6.220 BETA( 11 ) = 10.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3418 -.3571 -.3273 -.2977 -.3325 -.3373

ALPHA( 3 ) = -6.280 BETA( 1 ) = -9.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3405 -.4086 -.3756 -.4161 -.4198 -.4269

ALPHA( 3 ) = -6.280 BETA( 2 ) = -7.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3341 -.4098 -.3590 -.4019 -.3950 -.4119

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DATE 08 JAN 75      TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARCL1-716 IA14 01+T12+S12N25+AT1D ET + SRM BASE

(RBIY33)

ALPHA( 3 ) = -6.300      BETA( 3 ) = -6.000  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3237    -.4009    -.3507    -.3897    -.3839    -.4203

ALPHA( 3 ) = -6.260      BETA( 4 ) = -3.980  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3080    -.3174    -.3975    -.4281    -.4360    -.4449

ALPHA( 3 ) = -6.160      BETA( 5 ) = .030  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3043    -.3111    -.3597    -.3992    -.3942    -.4150

ALPHA( 3 ) = -6.320      BETA( 6 ) = 2.000  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.2994    -.3294    -.3556    -.3901    -.3796    -.4127

ALPHA( 3 ) = -6.330      BETA( 7 ) = 4.070  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3098    -.3388    -.3277    -.3361    -.3525    -.3812



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10

ARC11-716 IAI4 OI\*12\*SI2M25\*ATIO ET + SRM BASE (R91733)

ALPHA( 3 ) = -6.360 BETA( 8 ) = 6.030  
SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -.3171 -.3339 -.2968 -.2955 -.3219 -.3253

ALPHA( 3 ) = -8.870 BETA( 9 ) = 6.100  
SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -.3314 -.3481 -.3068 -.2886 -.3237 -.3261

ALPHA( 3 ) = -6.260 BETA( 10 ) = 10.090  
SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -.3383 -.3524 -.3229 -.2954 -.3218 -.3337

ALPHA( 4 ) = -4.200 BETA( 1 ) = -9.980  
SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -.3345 -.4005 -.3756 -.4088 -.4220 -.4359

ALPHA( 4 ) = -4.830 BETA( 2 ) = -7.990  
SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -.3308 -.4074 -.3551 -.3910 -.4038 -.4201

QUALITY

ARC11-716 IA14 01+712+SIEN25+AT10 ET + SRM BASE (RB1Y33)

ALPHA( 4 ) = -4.180    BETAD ( 3 ) = -5.970  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -3.124    -1.3948    -3.623    -3.827    -3.933    -4.062  
 ALPHA( 4 ) = -4.170    BETAD ( 4 ) = -3.950  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000    -2.890    -3.3070    -3.387    -4.193    -4.316    -4.407  
 ALPHA( 4 ) = -4.150    BETAD ( 5 ) = -2.020  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000    -2.919    -2.982    -3.811    -4.408    -4.4199    -4.4308  
 ALPHA( 4 ) = -4.080    BETAD ( 6 ) = -1.010  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000    -2.803    -2.8913    -3.617    -3.895    -3.889    -4.4103  
 ALPHA( 4 ) = -4.210    BETAD ( 7 ) = 2.110  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000    -2.827    -3.3092    -3.511    -3.998    -3.867    -4.4177



DATE 09 JAN 78 TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-716 IAI14 01+712+312M23+AT10 ET + SRM BASE

(R01Y33)

ALPHA( 4 ) = -4.200 BETA( 8 ) = 4.090  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2942 -.3424 -.3299 -.3564 -.3615 -.3877

ALPHA( 4 ) = -4.210 BETA( 9 ) = 6.060  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3157 -.3618 -.3194 -.3309 -.3445 -.3622

ALPHA( 4 ) = -4.200 BETA( 10 ) = 8.080  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3219 -.3439 -.2985 -.2996 -.3186 -.3300

ALPHA( 4 ) = -4.160 BETA( 11 ) = 10.090  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3291 -.3497 -.3124 -.3068 -.3162 -.3399

ALPHA( 5 ) = -2.870 BETA( 1 ) = -10.040  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3319 -.3972 -.3739 -.4055 -.4186 -.4330

DATE 09 JUN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 16

APC11-716 IAI14 CL1712+312N23+AT10 ET + SRM BASE (RBIY33)

ALPHA2( 5) = -8.870 BETA2( 2) = -8.030  
SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000  
.000 -3.247 -3.970 -3.381 -3.383 -4.003 -4.4206

ALPHA2( 5) = -8.870 BETA2( 3) = -3.960  
SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000  
.000 -3.310 -3.919 -3.378 -3.388 -3.894 -4.153

ALPHA2( 5) = -8.860 BETA2( 4) = -3.920  
SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000  
.000 -3.201 -3.293 -3.377 -4.118 -4.235 -4.429

ALPHA2( 5) = -8.860 BETA2( 5) = -2.000  
SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000  
.000 -3.2825 -3.2837 -3.3746 -4.010 -4.115 -4.4267

ALPHA2( 5) = -8.850 BETA2( 6) = .080  
SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000  
.000 -3.2761 -3.2844 -3.3581 -3.3661 -3.901 -4.072



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10  
ARC1-716 IAI. 01+T12+51EN25+AT10 ET + SRM BASE (881753)

ALPHA( 5) = -2.850 BETA( 7) = 2.020

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -2.2900 -1.5049 -1.3489 -1.5444 -1.5885 -1.4152

ALPHA( 5) = -2.770 BETA( 8) = 4.100

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.2907 -1.3193 -1.3116 -1.3402 -1.3455 -1.3696

ALPHA( 5) = -2.790 BETA( 9) = 6.120

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3029 -1.3277 -1.3015 -1.3204 -1.3234 -1.3394

ALPHA( 5) = -2.790 BETA( 10) = 8.140

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3179 -1.3399 -1.2965 -1.3012 -1.3153 -1.3386

ALPHA( 5) = -2.770 BETA( 11) = 10.100

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3246 -1.3466 -1.3265 -1.3291 -1.3145 -1.3430

DATE 08 JAN 73 TABULATED PRESSURE DATA - IAI44 - 72A. 10

(R81Y33)

ARC11-716 IAI4 01+T12+S12N25+AT10 ET + SRM BASE

ALPHA( 6 ) = -.760 BETA( 1 ) = -10.320  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3216 -.3798 -.4127 -.4216 -.4404 -.4516

ALPHA( 6 ) = -.730 BETA( 2 ) = -6.420  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3108 -.3375 -.3617 -.3936 -.4093 -.4260

ALPHA( 6 ) = -.730 BETA( 3 ) = -6.290  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3060 -.3359 -.3370 -.4076 -.4116 -.4285

ALPHA( 6 ) = -.710 BETA( 4 ) = -4.140  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2838 -.3706 -.3405 -.3662 -.3894 -.4194

ALPHA( 6 ) = -.700 BETA( 5 ) = -2.080  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2640 -.3258 -.3298 -.3688 -.3724 -.4093



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10  
ARC11-716 IAI4 01+T1E+31E25+AT10 ET + SRM BASE (R61Y33)

ALPHA( 6 ) = -.700 BETA( 6 ) = .030  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2574 -.2653 -.3464 -.3824 -.3792 -.4001

ALPHA( 6 ) = -.700 BETA( 7 ) = 2.180

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2530 -.2410 -.3480 -.3906 -.3690 -.4015

ALPHA( 6 ) = -.710 BETA( 8 ) = 4.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2686 -.3252 -.3333 -.3720 -.3680 -.3881

ALPHA( 6 ) = -.730 BETA( 9 ) = 6.350

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2811 -.3466 -.3181 -.3483 -.3462 -.3672

ALPHA( 6 ) = -.730 BETA( 10 ) = 6.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3139 -.3622 -.3132 -.3351 -.3361 -.3657

ARC11-716 IA14 O1+T12+912R25-VAT10 ET + SRM BASE (R81Y33)

ALPHA( 8) = -.790 BETA( 11) = 10.110  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3169 -.3406 -.3119 -.3272 -.3275 -.3569

ALPHA( 7) = 2.010 BETA( 1) = -10.080

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3210 -.3757 -.3931 -.4166 -.4282 -.4364

ALPHA( 7) = 2.000 BETA( 2) = -8.040

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3091 -.3683 -.3826 -.4145 -.4229 -.4390

ALPHA( 7) = 2.090 BETA( 3) = -6.040

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2942 -.3696 -.3633 -.4085 -.4129 -.4304

ALPHA( 7) = 1.920 BETA( 4) = -3.990

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2839 -.3370 -.3494 -.4032 -.4034 -.4180



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAL14A - VOL. 10  
ARC11-716 IAL4 01+T12+81825+T110 ET + SRM BASE (RBIY33)

ALPHA( 7 ) = 1.920 BETA( 9 ) = -2.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2703 -.2912 -.3436 -.3919 -.3932 -.4082

ALPHA( 7 ) = 1.920 BETA( 8 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2651 -.2763 -.3236 -.3739 -.3694 -.3871

ALPHA( 7 ) = 1.920 BETA( 7 ) = 2.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2683 -.2876 -.3391 -.3801 -.3698 -.3962

ALPHA( 7 ) = 1.900 BETA( 8 ) = 4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2691 -.3223 -.3332 -.3718 -.3604 -.3695

ALPHA( 7 ) = 2.040 BETA( 9 ) = 6.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2844 -.3405 -.3259 -.3589 -.3555 -.3811

(R81Y33)

DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+112+512N23+AT10 ET + SRM BASE

ALPHA( 7 ) = 2.030 BETA( 10 ) = 6.110  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3036 -.3564 -.3156 -.3515 -.3246 -.3608

ALPHA( 7 ) = 2.350 BETA( 11 ) = 10.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3150 -.3455 -.3077 -.3391 -.3225 -.3606

ALPHA( 8 ) = 4.300 BETA( 1 ) = -9.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3105 -.3709 -.3861 -.4101 -.4140 -.4208

ALPHA( 8 ) = 4.200 BETA( 2 ) = -6.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2999 -.3678 -.3793 -.4132 -.4161 -.4276

ALPHA( 8 ) = 4.200 BETA( 3 ) = -5.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2879 -.3531 -.3610 -.4088 -.4093 -.4204

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DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC11-716 1A14 01+T12+S12N25+AT10 ET + SRM BASE (R81Y33)

ALPHA( 8 ) = 4.200 BETA( 4 ) = -3.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2777 -.3243 -.3466 -.4009 -.3986 -.4101

ALPHA( 8 ) = 4.220 BETA( 5 ) = -2.000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2700 -.2971 -.3407 -.3904 -.3862 -.4060

ALPHA( 8 ) = 4.240 BETA( 6 ) = -.070

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2648 -.2784 -.3321 -.3732 -.3616 -.3937

ALPHA( 8 ) = 4.220 BETA( 7 ) = 1.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2641 -.2923 -.3435 -.3805 -.3681 -.3934

ALPHA( 8 ) = 4.430 BETA( 8 ) = 4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2697 -.3112 -.3323 -.3686 -.3573 -.3944

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ARC11-716 IAI14 01-712-312N25+AT10 ET + SRM BASE (RB1Y23)

ALPHA( 8 ) = 4.410 BETA( 9 ) = 6.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2815 -.3255 -.3181 -.3528 -.3437 -.3743

ALPHA( 8 ) = 4.410 BETA( 10 ) = 8.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2909 -.3324 -.3042 -.3434 -.3292 -.3653

ALPHA( 8 ) = 4.390 BETA( 11 ) = 10.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3058 -.3417 -.2910 -.3388 -.3230 -.3615

ALPHA( 8 ) = 6.340 BETA( 1 ) = -9.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3057 -.3780 -.3823 -.4043 -.4056 -.4297

ALPHA( 8 ) = 6.310 BETA( 2 ) = -7.970

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2972 -.3649 -.3781 -.4103 -.4127 -.4290



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 1D

ARC11-716 IA14 01+112+112N25+AT10 ET + SRM BASE

(RB1Y33)

ALPHA( 8 ) = 5.980 BETA( 3 ) = -6.000  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2884 -.3451 -.3647 -.4072 -.4124 -.4193

ALPHA( 8 ) = 5.990 BETA( 4 ) = -4.010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8788 -.3827 -.3563 -.4088 -.4033 -.4070

ALPHA( 8 ) = 6.010 BETA( 5 ) = -2.080  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2633 -.3057 -.3520 -.3977 -.3956 -.4113

ALPHA( 8 ) = 6.020 BETA( 6 ) = .050  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2616 -.2842 -.3404 -.3780 -.3714 -.3969

ALPHA( 8 ) = 6.010 BETA( 7 ) = 2.060  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2979 -.2915 -.3505 -.3873 -.3742 -.4052

DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 1D  
ARC11-718 IAI4 01+718+SIGNES+AT10 ET + SRM BASE (R81Y33)

ALPHA( 8) = 5.990 BETA( 8) = 4.060  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2878 -.3120 -.3382 -.3755 -.3684 -.3662

ALPHA( 9) = 5.990 BETA( 9) = 6.080  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2781 -.3235 -.3273 -.3612 -.3536 -.3643

ALPHA( 9) = 5.970 BETA( 10) = 6.160  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2694 -.3379 -.3251 -.3511 -.3424 -.3763

ALPHA( 9) = 5.950 BETA( 11) = 10.160  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3005 -.3414 -.3007 -.3446 -.3343 -.3703

ALPHA(10) = 7.910 BETA( 1) = -10.030  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3003 -.3773 -.3876 -.3986 -.3918 -.4229



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+T1E+S1E85+AT10 ET + SRM BASE (RBIY33)

ALPHA(10) = 7.930 BETA( 2) = -8.030  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2934 -.3644 -.3606 -.4061 -.4036 -.4295  
ALPHA(10) = 7.810 BETA( 3) = -5.970  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2790 -.3428 -.3636 -.4073 -.4026 -.4201  
ALPHA(10) = 7.830 BETA( 4) = -4.000  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2689 -.3306 -.3614 -.4077 -.4085 -.4190  
ALPHA(10) = 7.830 BETA( 5) = -2.030  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2357 -.3089 -.3633 -.4114 -.4098 -.4190  
ALPHA(10) = 7.840 BETA( 6) = .040  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2516 -.2788 -.3476 -.3679 -.3639 -.4015

DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10

(RBIY33)

ARC11-716 IAI4 01\*71E+SIGN23+AT10 ET + SRM BASE

ALPHA(10) = 7.630 BETA( 7) = 2.040

SECTION ( 1)ET + SRM BASE DEFENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2890 -.2897 -.3489 -.3833 -.3791 -.4012

ALPHA(10) = 7.870 BETA( 8) = 4.060

SECTION ( 1)ET + SRM BASE DEFENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2597 -.3119 -.3432 -.3776 -.3755 -.3955

ALPHA(10) = 7.970 BETA( 9) = 6.160

SECTION ( 1)ET + SRM BASE DEFENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2675 -.3219 -.3386 -.3707 -.3688 -.3872

ALPHA(10) = 7.960 BETA( 10) = 8.110

SECTION ( 1)ET + SRM BASE DEFENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2682 -.3331 -.3328 -.3593 -.3627 -.3786

ALPHA(10) = 7.960 BETA( 11) = 10.230

SECTION ( 1)ET + SRM BASE DEFENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2892 -.3488 -.3157 -.3554 -.3544 -.3723



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(RBI133)

ARC11-716 1-14 01+12+512+512+AT10 ET + SRM BASE

ALPHA(1) = 9.890 BETA( 1 ) = -9.960

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2946 -.3716 -.4016 -.4131 -.3943 -.4246

ALPHA(1) = 9.930 BETA( 2 ) = -7.920

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2940 -.3613 -.3963 -.4133 -.3976 -.4293

ALPHA(1) = 9.940 BETA( 3 ) = -6.010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2747 -.3426 -.3620 -.4181 -.4009 -.4307

ALPHA(1) = 9.890 BETA( 4 ) = -3.990

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2631 -.3239 -.3753 -.4194 -.4134 -.4296

ALPHA(1) = 9.900 BETA( 5 ) = -1.980

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2523 -.3003 -.3644 -.4078 -.4104 -.4151

(R81Y33)

DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10  
ARC11-716 1A14 Q1+T12+SIGNES+ATIO ET + SRM BASE

ALPHA(11) = 9.910 BETA( 6) = .020  
SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.8422 -.2858 -.3484 -.3779 -.3910 -.3993

ALPHA(11) = 9.900 BETA( 7) = 2.040

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.8424 -.2722 -.3581 -.3866 -.3902 -.4046

ALPHA(11) = 9.900 BETA( 8) = 4.130

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.8499 -.2901 -.3520 -.3651 -.3858 -.3955

ALPHA(11) = 9.880 BETA( 9) = 6.100

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.8612 -.3123 -.3460 -.3708 -.3716 -.3860

ALPHA(11) = 9.870 BETA( 10) = 8.110

SECTION ( 11)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.8771 -.3281 -.3567 -.3631 -.3616 -.3780

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(R01Y33)

ARC11-716 IAI4 D1+T12+SIEN23+AT10 ET + SRM BASE

ALPHAD111 = 10.000 BETAD (11) = 10.190

SECTION ( 1127 + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000382.0000001.0000002.0000003.0000004.0000

.000 -.8887 -.3440 -.3303 -.3568 -.3658 -.3752

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REFERENCE DATA

BREF = 8.4210 30.FT. KMP = 29.5000 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BRP = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = .600 ELEVON = .000  
 RUDDER = .000 SPDBRK = .000

ALPHAT( 1 ) = -0.360 BETAT ( 1 ) = -0.070

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.2689 -.3692 -.3402 -.3360 -.3238 -.4079

ALPHAT( 1 ) = -0.330 BETAT ( 2 ) = -4.040

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.2809 -.3596 -.3291 -.3153 -.2771 -.3948

ALPHAT( 1 ) = -0.310 BETAT ( 3 ) = .010

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.2709 -.2537 -.3348 -.3216 -.3889 -.4297

ALPHAT( 1 ) = -0.320 BETAT ( 4 ) = 4.000

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.2501 -.2901 -.2859 -.3375 -.3324 -.4018



DATE 09 JAN 75 TABULATED PRESSURE DATA A14A - VOL. 10

(RBIY34)

ARC11-716 I A14 01+12+S12N25+AT11 ET + SRM BASE

ALPHAT ( 1 ) = -8.350 BETAT ( 5 ) = 8.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2815 -.3269 -.2442 -.2759 -.3171 -.3356

ALPHAT ( 2 ) = -4.310 BETAT ( 1 ) = -8.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2491 -.3533 -.3012 -.3193 -.2875 -.3873

ALPHAT ( 2 ) = -4.300 BETAT ( 2 ) = -4.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2270 -.3166 -.3083 -.2932 -.3103 -.3751

ALPHAT ( 2 ) = -4.300 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2036 -.2366 -.3040 -.3325 -.3268 -.3756

ALPHAT ( 2 ) = -4.300 BETAT ( 4 ) = 4.070

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2207 -.2643 -.2527 -.3127 -.3202 -.3566

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RBIY34)

ARC11-716 IA14 01+T1B+SIEMES+AT11 ET + SRM BASE

ALPHAT( 2 ) = -4.300 BETAT ( 5 ) = 6.130  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8443 -.3283 -.2406 -.2794 -.3054 -.3278  
 ALPHAT( 3 ) = -.490 BETAT ( 1 ) = -8.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2370 -.3316 -.2798 -.3027 -.2777 -.3685  
 ALPHAT( 3 ) = -.470 BETAT ( 2 ) = -4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2216 -.3126 -.2959 -.2813 -.3084 -.3707  
 ALPHAT( 3 ) = -.470 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.1899 -.2232 -.2876 -.3214 -.3175 -.3543  
 ALPHAT( 3 ) = -.470 BETAT ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2199 -.2606 -.2460 -.2930 -.3013 -.3396



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+T12+312N25+AT11 ET + SRM BASE (RB1734)

ALPHAT ( 3 ) = -.470 BETAT ( 5 ) = 8.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2472 -.3145 -.2480 -.2782 -.3013 -.3375

ALPHAT ( 4 ) = 3.950 BETAT ( 1 ) = -8.170

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2479 -.3198 -.2860 -.3136 -.2663 -.3626

ALPHAT ( 4 ) = 3.970 BETAT ( 2 ) = -4.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2238 -.3045 -.2771 -.2959 -.2622 -.3447

ALPHAT ( 4 ) = 3.970 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2146 -.2095 -.2748 -.3016 -.3079 -.3710

ALPHAT ( 4 ) = 3.960 BETAT ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2314 -.2823 -.2461 -.3051 -.3108 -.3485

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(R81734)

ARC11-716 IAI4 OI+T12+S12NE5+AT11 ET + SRM BASE

ALPHAT ( 4 ) = 3.980 BETAT ( 3 ) = 6.190  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2398 -.2919 -.2608 -.3034 -.3213 -.3579

ALPHAT ( 5 ) = 7.940 BETAT ( 1 ) = -8.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2373 -.3011 -.2956 -.3221 -.2907 -.3805

ALPHAT ( 5 ) = 7.980 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2215 -.2930 -.2856 -.3239 -.3163 -.3813

ALPHAT ( 5 ) = 7.980 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2088 -.2395 -.2944 -.3524 -.3371 -.3972

ALPHAT ( 5 ) = 7.970 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2189 -.2542 -.2814 -.3404 -.3516 -.3733



DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(RB1Y34)

ARC11-716 1A14 01+12+512N25+AT11 ET + SRM BASE

ALPHAT ( 5 ) = 7.980 BETAT ( 5 ) = 8.240

SECTION ( 11ET + 5RM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000332.0000801.0000802.0000803.0000804.0000

.000 -.2259 -.2678 -.2893 -.3261 -.3461 -.3915

ARC11-716 1A14 01+T12+S12N85+AT11 ET + SRM BASE (RB1Y35) ( 14 FEB 74 )

## REFERENCE DATA

SREF = 2.4210 98.FT. XMRP = 29.5800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BREF = 36.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHAT ( 1 ) = -8.470 BETAT ( 1 ) = -8.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2831 -.3888 -.3331 -.3491 -.3244 -.4091

ALPHAT ( 1 ) = -8.430 BETAT ( 2 ) = -4.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2831 -.3503 -.3514 -.3208 -.3432 -.3919

ALPHAT ( 1 ) = -8.420 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2708 -.2310 -.3367 -.3637 -.3595 -.4221

ALPHAT ( 1 ) = -8.430 BETAT ( 4 ) = 4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2713 -.3291 -.2878 -.2981 -.3825 -.3776

## PARAMETRIC DATA

MACH = .750 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000



DATE 09 JAN 75      TABULATED PRESSURE DATA    IAI4A - VOL. 10  
ARCI1-716 IAI4 Q1+T12+S12M25+AT11 ET + SRM BASE      (R81Y33)

ALPHAT ( 1 ) = -8.450    BETAT ( 5 ) = 8.170  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.2879    -.3394    -.2514    -.2448    -.2995    -.3133

ALPHAT ( 2 ) = -4.370    BETAT ( 1 ) = -8.160

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.2774    -.3595    -.3380    -.3301    -.2840    -.3878

ALPHAT ( 2 ) = -4.370    BETAT ( 2 ) = -4.070

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.2350    -.3222    -.3336    -.2938    -.3261    -.3641

ALPHAT ( 2 ) = -4.360    BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.2383    -.3062    -.3015    -.3217    -.3252    -.3709

ALPHAT ( 2 ) = -4.370    BETAT ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.2377    -.2993    -.2541    -.2876    -.3006    -.3466

DATE 09 JAN 78 TABULATED PRESSURE DATA - IA14A - VOL. 1D  
ARC11-716 IA14 01+T12+S12N25+AT11 ET + SRM BASE  
(RBIY35)

ALPHAT ( 2 ) = -4.380 BETAT ( 5 ) = 8.190  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8774 -.3357 -.2254 -.2484 -.2891 -.3050  
ALPHAT ( 3 ) = -.320 BETAT ( 1 ) = -8.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2631 -.3331 -.3124 -.3180 -.2891 -.3802  
ALPHAT ( 3 ) = -.510 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2543 -.3106 -.2996 -.2727 -.3062 -.3468  
ALPHAT ( 3 ) = -.510 BETAT ( 3 ) = .020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2401 -.2883 -.2679 -.2806 -.3214 -.3558  
ALPHAT ( 3 ) = -.500 BETAT ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3048 -.2434 -.2891 -.3187 -.3482

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(R81733)

ARC11-716 IAI4 01-T12-S1285+AT11 ET + SRM BASE

ALPHAT ( 3 ) = -.500 BETAT ( 3 ) = 8.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2761 -.3436 -.2351 -.2602 -.2886 -.3058

ALPHAT ( 4 ) = 3.960 BETAT ( 1 ) = -8.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2745 -.3215 -.3026 -.3194 -.2848 -.3752

ALPHAT ( 4 ) = 3.980 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2486 -.3013 -.2768 -.2815 -.2839 -.3371

ALPHAT ( 4 ) = 3.980 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2485 -.2840 -.2658 -.2819 -.2962 -.3460

ALPHAT ( 4 ) = 3.980 BETAT ( 4 ) = 5.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2580 -.2861 -.2569 -.2851 -.3016 -.3545

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10  
ARC11-716 IAI4 OI+T12+S12N25+AT11 ET + SRM BASE (R81755)

ALPHAT ( 4 ) = 3.980 BETAT ( 5 ) = 8.220  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2639 -.3225 -.2433 -.2619 -.3069 -.3292

ALPHAT ( 5 ) = 7.990 BETAT ( 1 ) = -8.200  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2654 -.3155 -.3098 -.3371 -.2970 -.3605

ALPHAT ( 5 ) = 8.030 BETAT ( 2 ) = -4.090  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2411 -.2946 -.2908 -.3155 -.3099 -.3704

ALPHAT ( 5 ) = 8.040 BETAT ( 3 ) = .000  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2369 -.2775 -.3045 -.3156 -.3225 -.3869

ALPHAT ( 5 ) = 8.030 BETAT ( 4 ) = 4.130  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2389 -.2865 -.2946 -.3162 -.3284 -.3683



DATE 09 JAN 71 TAB RATE MEASURE DATA - IAI4A - VOL. 10

(R01Y35)

ARC11-716 IAI4 01\*12\*512N23\*AT11 ET \* SRM BASE

ALPHA: 31.4 B 520 BETA: 31.5 6.270

SECTOR: 1111 \* 3+4 BASE DEPENDENT -AIRLAF E CR

YAS 40 50: 0000378 0000811 0000832 0000803 0000804 0000

0070 - 2481 00006 -12044 -03083 -03129 -03596

ARC11-716 IA14 01+T12+S12M23+AT11 ET + SRM BASE (RBIY36) ( 14 FEB 74 )

REFERENCE DATA

REF # 2.4210 56-FT. XMRP # 29.5800 INCHES  
LREF # 38.7090 INCHES YMRP # .0000 INCHES  
BREF # 38.7090 INCHES ZMRP # .0000 INCHES  
SCALE # .0300 SCALE

PARAMETRIC DATA

MACH # .870 ELEVON # .000  
RUDDER # .000 SPOBRK # .000

ALPHAT ( 1 ) # -8.970 BETAT ( 1 ) # -8.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3476 -.4131 -.3602 -.3350 -.3265 -.4205

ALPHAT ( 2 ) # -8.940 BETAT ( 2 ) # -4.040

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3007 -.3545 -.3441 -.3109 -.3319 -.3900

ALPHAT ( 3 ) # -8.480 BETAT ( 3 ) # -.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2974 -.3227 -.3534 -.3409 -.3407 -.4101

ALPHAT ( 4 ) # -8.490 BETAT ( 4 ) # 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3065 -.3641 -.2982 -.3079 -.3351 -.3645



DATE 08 JAN 79 TAB. FILED IN 553,RE DATA - 14144 - A. L. 10  
ANCI: 15 1416 0511245124517111 ET \* SRM BASE (801381)

ALPHAT ( 1 ) = -6.320 BETAT ( 1 ) = 4.180

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -1278 -1.437 -1.239 -1.234 -1.267 -1.2578

ALPHAT ( 1 ) = -4.330 BETAT ( 1 ) = -6.160

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -13047 -1.369 -1.332 -1.333 -1.2874 -1.3899

ALPHAT ( 2 ) = -4.870 BETAT ( 2 ) = -4.060

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -12836 -1.336 -1.306 -1.306 -1.333 -1.3693

ALPHAT ( 2 ) = -4.870 BETAT ( 3 ) = .030

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -12766 -1.282 -1.276 -1.2949 -1.3044 -1.3195

ALPHAT ( 2 ) = -4.280 BETAT ( 4 ) = 4.060

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -12817 -1.333 -1.2649 -1.2858 -1.3102 -1.3430

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DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 1D

(RB1Y36)

ARC1:-716 1A14 01+T12+812M25+AT11 ET + SRM BASE

ALPHAT ( 2 ) = -4.290 BETAT ( 3 ) = 0.130

SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3144 -.3008 -.2315 -.2369 -.2802 -.2859

ALPHAT ( 3 ) = -.930 BETAT ( 1 ) = -0.180

SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3110 -.3529 -.3215 -.3218 -.2905 -.3837

ALPHAT ( 3 ) = -.930 BETAT ( 2 ) = -4.060

SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2934 -.3204 -.2969 -.2686 -.3060 -.3636

ALPHAT ( 3 ) = -.940 BETAT ( 3 ) = .020

SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 931.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2719 -.2917 -.2711 -.2703 -.2911 -.3363

ALPHAT ( 3 ) = -.930 BETAT ( 4 ) = 0.180

SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3010 -.3360 -.2899 -.2488 -.2785 -.2943



CITE 09 JAN 75 TABULATED PRESSURE DATA - (114A - VOL. 1D

ARC11-71C (A14 01+12+SIEN25+ATL ET + SRM BASE (RBIY36)

ALPHAT( 4) = 3.740 BETAT ( 1) = -4.090

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2899 -.3190 -.2875 -.2868 -.2896 -.3300

ALPHAT( 4) = 3.740 BETAT ( 2) = .010

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2897 -.3026 -.2707 -.2857 -.3017 -.3599

ALPHAT( 4) = 3.730 BETAT ( 3) = 4.110

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2916 -.3214 -.2611 -.2854 -.2993 -.3456

ALPHAT( 4) = 3.730 BETAT ( 4) = 8.220

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3007 -.3331 -.2677 -.2809 -.3015 -.3329

ALPHAT( 5) = 8.030 BETAT ( 1) = .000

SECTION ( 1) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2735 -.2937 -.3154 -.3110 -.3175 -.3726

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DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC11-716 1A14 01+T12+312N25+AT11 ET < SRM BASE (R81Y56)

ALPHAT ( 9 ) = 8.020 BETAT ( 2 ) = 4.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2728 -.3075 -.2965 -.3069 -.3183 -.3573

ALPHAT ( 9 ) = 8.010 BETAT ( 3 ) = 6.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2943 -.3483 -.2880 -.2988 -.3195 -.3575



PARAMETRIC DATA

MACH = .950 ELEVON = .000  
RUDDER = .000 SPDBRK = .000

REFERENCE DATA

SRF = 2.4210 58.FT. XMRP = 29.5800 INCHES  
LRF = 38.7090 INCHES YMRP = .0000 INCHES  
BRF = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

ALPHAT ( 1 ) = -8.540 BETAT ( 1 ) = -4.050

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4018 -.3997 -.3859 -.3301 -.3250 -.3699

ALPHAT ( 1 ) = -8.510 BETAT ( 2 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 301.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3884 -.3930 -.3703 -.3421 -.3416 -.4086

ALPHAT ( 1 ) = -8.520 BETAT ( 3 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3792 -.4101 -.3047 -.3086 -.3320 -.3551

ALPHAT ( 1 ) = -8.530 BETAT ( 4 ) = 6.180

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3993 -.4419 -.2568 -.2661 -.3043 -.3046

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01\*712+512N25+AT11 ET + SRM BASE (RB1137)

ALPHAT ( 2 ) = -4.410 BETAT ( 1 ) = -8.180  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3872 -.4374 -.4051 -.3961 -.3414 -.4214

ALPHAT ( 9 ) = -4.390 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3995 -.3785 -.3928 -.3276 -.3125 -.3936

ALPHAT ( 2 ) = -4.390 BETAT ( 3 ) = -.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3485 -.3529 -.3207 -.3034 -.3093 -.3660

ALPHAT ( 2 ) = -4.390 BETAT ( 4 ) = 4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3445 -.3872 -.2897 -.2848 -.3104 .3319

ALPHAT ( 2 ) = -4.410 BETAT ( 5 ) = 8.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3839 -.4315 -.2467 -.2366 -.2736 -.2780



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAL144 - VOL. 10

(R01737)

ARC11-716 IAL4 01+12+312425+AT11 ET + SRM BASE

ALPHAT ( 3 ) = -.520 BETAT ( 1 ) = -8.170

SECTION ( 3 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.3860 -.4020 -.3762 -.3251 -.4124

ALPHAT ( 3 ) = -.510 BETAT ( 2 ) = -4.000

SECTION ( 3 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.3446 -.3703 -.3350 -.3003 -.3659

ALPHAT ( 3 ) = -.510 BETAT ( 3 ) = .010

SECTION ( 3 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.3360 -.3401 -.2903 -.2794 -.2882 -.3461

ALPHAT ( 3 ) = -.510 BETAT ( 4 ) = 4.090

SECTION ( 3 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.3432 -.3760 -.2729 -.2933 -.3009 -.3257

ALPHAT ( 3 ) = -.520 BETAT ( 5 ) = 8.190

SECTION ( 3 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000001.0000002.0000003.0000004.0000

.000 -.3661 -.4376 -.2490 -.2616 -.2805 -.2916



DATE 08 JAN 78 TABULATED PRESSURE DATA - IAI4A - VOL. 10

ARC11-716 IAI4 01+T12+S1E25+AT11 ET + SRM BASE (RBIY57)

ALPHAT( 4) = 3.960 BETAT ( 1) = -8.210  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3502 -.3953 -.3413 -.3661 -.3134 -.4078

ALPHAT( 4) = 3.960 BETAT ( 2) = -4.090  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3408 -.3701 -.3203 -.3245 -.3113 -.3763

ALPHAT( 4) = 3.950 BETAT ( 3) = .000  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3405 -.3433 -.2876 -.3060 -.2987 -.3474

ALPHAT( 4) = 3.950 BETAT ( 4) = 4.110  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3294 -.3782 -.2963 -.2924 -.2973 -.3368

ALPHAT( 4) = 3.960 BETAT ( 5) = 6.110  
SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3495 -.4229 -.2922 -.2866 -.3036 -.3291

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI44 - VOL. 10

(R81737)

ARC11-716 IAI4 01P12+S12N25+AT11 ET + SRM BASE

ALPHAT ( 5 ) = 7.980 BETAT ( 1 ) = -8.190

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3555 -.3877 -.3458 -.3558 -.3214 -.3969

ALPHAT ( 5 ) = 6.010 BETAT ( 2 ) = -4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3324 -.3529 -.3297 -.3289 -.3036 -.3868

ALPHAT ( 5 ) = 6.010 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3377 -.3567 -.3375 -.3308 -.3385 -.3864

ALPHAT ( 5 ) = 6.000 BETAT ( 4 ) = 4.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3281 -.3648 -.3310 -.3241 -.3225 -.3685

ALPHAT ( 5 ) = 7.990 BETAT ( 5 ) = 6.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3419 -.4168 -.3237 -.3307 -.3288 -.3717

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OF 14

(RB1Y38) ( 14 FEB 74 )

ARC11-716 IA14 01+T12+S12E23+AT11 ET + SRM BASE

PARAMETRIC DATA

REFERENCE DATA

XREF = 2.4210 SQ.FT. XMRP = 29.5800 INCHES  
 YREF = 38.7090 INCHES YMRP = .0000 INCHES  
 ZREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

MACH = 1.050 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000

ALPHAT ( 1 ) = -8.600 BETAT ( 1 ) = -8.150  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4128 -.4578 -.4567 -.4494 -.4138 -.4784

ALPHAT ( 1 ) = -8.580 BETAT ( 2 ) = -5.070  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3929 -.4154 -.4186 -.3962 -.4078 -.4630

ALPHAT ( 1 ) = -8.560 BETAT ( 3 ) = .000  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3635 -.4035 -.4096 -.3962 -.4078 -.4471

ALPHAT ( 1 ) = -8.570 BETAT ( 4 ) = 4.120  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3743 -.4107 -.3659 -.3392 -.3646 -.3988



DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10  
ARC11-716 1A14 01+T12-S12N25+T11 ET + SRM BASE (R01Y36)

ALPHAT ( 1 ) = -6.600 BETAT ( 5 ) = 0.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4014 -.4531 -.3475 -.3280 -.3699 -.3680

ALPHAT ( 2 ) = -4.430 BETAT ( 1 ) = -6.170

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3843 -.4236 -.4093 -.4058 -.3663 -.4443

ALPHAT ( 2 ) = -4.430 BETAT ( 2 ) = -4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3545 -.3601 -.3951 -.3622 -.3817 -.4467

ALPHAT ( 2 ) = -4.430 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3356 -.3717 -.3715 -.3633 -.3831 -.4152

ALPHAT ( 2 ) = -4.430 BETAT ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3446 -.3889 -.3474 -.3334 -.3690 -.3915

(R01738)

ARC11-716 IAI4 01+112+312N25/AT11 ET + SRM BASE

ALPHAT ( 2 ) = -4.450 BETAT ( 5 ) = 9.160

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3814 -1.4316 -1.3527 -1.3284 -1.3641 -1.3659

ALPHAT ( 3 ) = -1.540 BETAT ( 1 ) = -8.170

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3711 -1.4093 -1.3904 -1.4072 -1.3735 -1.4465

ALPHAT ( 3 ) = -1.550 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3340 -1.3759 -1.3681 -1.3755 -1.3620 -1.4351

ALPHAT ( 3 ) = -1.520 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3309 -1.3733 -1.3677 -1.3655 -1.3727 -1.4307

ALPHAT ( 3 ) = -1.520 BETAT ( 4 ) = 4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3282 -1.3688 -1.3540 -1.3625 -1.3773 -1.4048



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-715 IAI14 D1-712-S12N23-AT\*1 ET < SRM BASE (R81Y38)

ALPHAT ( 3 ) = -.330 BETAT ( 3 ) = 0.180

SECTION ( 1 ) ET < SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3628 -.4384 -.3382 -.3409 -.3548 -.3707

ALPHAT ( 4 ) = 3.930 BETAT ( 1 ) = -6.200

SECTION ( 1 ) ET < SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3480 -.4070 -.3949 -.4239 -.3938 -.4677

ALPHAT ( 4 ) = 3.980 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET < SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3246 -.3706 -.3743 -.3986 -.3941 -.4369

ALPHAT ( 4 ) = 3.960 BETAT ( 3 ) = 000

SECTION ( 1 ) ET < SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3186 -.3365 -.3691 -.3634 -.3697 -.4350

ALPHAT ( 4 ) = 3.950 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET < SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3170 -.3054 -.3642 -.3699 -.3669 -.4176



DATE 09 JAN 78 TABULATED PRESSURE DATA - 1A14A - VOL. 1D

(RBIY38)

ARC11-716 1A14 OI+T12+S1PMS+AT11 ET + SRM BASE

ALPHAT ( 4 ) = 3.980 BETAT ( 5 ) = 0.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3326 -.4084 -.3651 -.4248 -.4448 -.4350 -.4796

ALPHAT ( 5 ) = 7.950 BETAT ( 1 ) = -0.160

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3330 -.4088 -.4248 -.4448 -.4350 -.4796

ALPHAT ( 5 ) = 0.000 BETAT ( 2 ) = -4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3123 -.3653 -.4138 -.4399 -.4352 -.4874

ALPHAT ( 5 ) = 0.020 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2974 -.3409 -.4147 -.4292 -.4347 -.4758

ALPHAT ( 5 ) = 0.000 BETAT ( 4 ) = 4.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.3073 -.3852 -.4097 -.4065 -.4178 -.4872



LABORATED PRESSURE DATA - TALLA - VOL. 10

(091Y30)

APPROXIMATE DATA 01712-512-23-AT11 ET + SRM BASE

ALPHAT (S) = 980 BETA (S) = 8.300

SECTION (S) ET + SRM BASE DECREMENT VARIABLE CP

TALLA 9811.0-1512 2000001.0000000.0000004.0000

.000 -.3129 -.3632 -.4312 -.4537 -.4409 -.4654



ARC11-716 IA14 01\*12\*91. 85\*AT11 ET \* SRM BASE

(RBIY39) ( 14 FEB 74 )

REFERENCE DATA

SREF # 8.4810 38.FT.    AP # 29.9800 INCHES  
 LREF # 38.7093 INCHES    YAMP # .0000 INCHES  
 BREF # 38.7090 INCHES    ZAMP # .0000 INCHES  
 SCALE # 0300 SCALE

ALPHAT ( 1 ) # -8.670    BETAT ( 1 ) # -8.150

SECTION ( 1 ) ET \* SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000    -.3818    -.4181    -.3787    -.4045    -.3729    -.4083

ALPHAT ( 2 ) # -8.640    BETAT ( 2 ) # -4.070

SECTION ( 1 ) ET \* SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000    -.3285    -.3755    -.4027    -.3699    -.4005    -.4520

ALPHAT ( 3 ) # 1.620    BETAT ( 3 ) # -.010

SECTION ( 1 ) ET \* SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0700902.0000801.0000802.0000803.0000804.0000

.000    -.3885    -.3732    -.4280    -.4028    -.4179    -.4516

ALPHAT ( 4 ) # -8.840    BETAT ( 4 ) # 4.080

SECTION ( 1 ) ET \* SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0720803.0000804.0000

.000    -.3403    -.3901    -.3499    -.3278    -.3665    -.3637

PARAMETRIC DATA

MACH # 1.150    ELEVOM # .000  
 RUDDER # .000    SPDBRK # .000



ARC11-716 IAI4 01+T12+S12N25+AT11 ET + SRM BASE

(RB1Y39)

ALPHAT ( 1 ) = -8.870 BETAT ( 5 ) = 8.210

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502 0000801.0000802.0000803.0000804.0000

.000 -.3643 -.4296 -.3060 -.2731 -.3366 -.3225

ALPHAT ( 2 ) = -4.490 BETAT ( 1 ) = -8.160

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3415 -.3692 -.3569 -.3785 -.3692 -.4049

ALPHAT ( 2 ) = -4.470 BETAT ( 2 ) = -4.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3042 -.3471 -.3549 -.3659 -.3594 -.4221

ALPHAT ( 2 ) = -4.460 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3001 -.3361 -.3642 -.3702 -.3823 -.4272

ALPHAT ( 2 ) = -4.460 BETAT ( 4 ) = 4.170

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3102 -.3687 -.3234 -.3234 -.3524 -.3748

ARC11-716 IA14 O1+T12+S12N25+AT11 ET + SRM BASE

ALPHAT ( 2 ) = -4.480 BETAT ( 5 ) = 6.160  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3348 -0.4047 -0.2970 -0.2835 -0.3119 -0.3156

ALPHAT ( 3 ) = -0.530 BETAT ( 1 ) = -4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3001 -0.3401 -0.3306 -0.3640 -0.3547 -0.4153

ALPHAT ( 3 ) = -0.520 BETAT ( 2 ) = 0.010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.2799 -0.3287 -0.3423 -0.3652 -0.3712 -0.4230

ALPHAT ( 3 ) = -0.530 BETAT ( 3 ) = 4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.2816 -0.3477 -0.3195 -0.3411 -0.3484 -0.3756

ALPHAT ( 3 ) = -0.540 BETAT ( 4 ) = 8.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3234 -0.3941 -0.3146 -0.3231 -0.3234 -0.3470

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(R81739)

ARC11-716 IAI4 01+T12+512N25+AT11 ET + SRM BASE

ALPHAT ( 4 ) = 3.950 BETAT ( 1 ) = -8.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3115 -.3690 -.3601 -.4006 -.3946 -.4250

ALPHAT ( 4 ) = 3.960 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2725 -.3181 -.3364 -.3643 -.3633 -.4131

ALPHAT ( 4 ) = 3.950 BETAT ( 3 ) = .020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2620 -.3111 -.3394 -.3723 -.3741 -.4190

ALPHAT ( 4 ) = 3.950 BETAT ( 4 ) = 4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2726 -.3482 -.3226 -.3492 -.3404 -.3879

ALPHAT ( 4 ) = 3.960 BETAT ( 5 ) = 6.210

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2901 -.3404 -.3322 -.3542 -.3437 -.3620

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ARC11-716 JA14 01+T12+S12N25+AT11 ET + SRM BASE (R81Y59)

ALPHAT ( 9 ) = 7.980 BETAT ( 1 ) = -8.210

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2867 -.3512 -.3857 -.4133 -.4032 -.4376

ALPHAT ( 9 ) = 8.010 BETAT ( 2 ) = -4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2569 -.3113 -.3746 -.4158 -.4107 -.4308

ALPHAT ( 9 ) = 8.020 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2432 -.2949 -.3951 -.4256 -.4281 -.4568

ALPHAT ( 9 ) = 6.000 BETAT ( 4 ) = 4.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2557 -.3279 -.3936 -.3747 -.3737 -.4146

ALPHAT ( 9 ) = 7.980 BETAT ( 5 ) = 8.290

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2679 -.3206 -.3774 -.3925 -.3957 -.4161



ARC1)-716 IA14 01+T12+S12N23+AT11 ET + SRM BASE

(RB1Y4D) ( 14 FEB 74 )

REFERENCE DATA

BREF = 8.4210 SQ.FT. XMRP = 29.5800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.400 ELEVON = .000  
 RUDDER = .000 SPD BRK = .000

ALPHAT ( 1 ) = -8.470 BETAT ( 1 ) = -8.190

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8781 -.3176 -.3140 -.3829 -.3584 -.3581

ALPHAT ( 1 ) = -8.440 BETAT ( 2 ) = -4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2542 -.3076 -.3283 -.3359 -.3676 -.3876

ALPHAT ( 1 ) = -8.420 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2544 -.2767 -.3123 -.3257 -.3394 -.3684

ALPHAT ( 1 ) = -8.430 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8780 -.3244 -.2816 -.2871 -.2899 -.3016

DATE 09 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R01Y40)

ARC11-716 IA14 01-Y18-S1285+AT11 ET + SRM BASE

ALPHAT ( 1 ) = -6.530 BETAT ( 5 ) = 6.270  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2881 -.3454 -.2724 -.2609 -.2616 -.2887

ALPHAT ( 2 ) = -4.360 BETAT ( 1 ) = -8.200  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2682 -.3058 -.3224 -.3307 -.3503 -.3625

ALPHAT ( 2 ) = -4.340 BETAT ( 2 ) = -4.100  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2450 -.3135 -.3153 -.3356 -.3372 -.3745

ALPHAT ( 2 ) = -4.250 BETAT ( 3 ) = .000  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2499 -.3043 -.2969 -.3060 -.3227 -.3463

ALPHAT ( 2 ) = -4.260 BETAT ( 4 ) = 4.110  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2656 -.3175 -.2883 -.2835 -.2939 -.3137



(R81Y4D)

DATE 09 JAN 75 \*ABULATED PRESSURE DATA - 1A14A - VOL. 10  
ARC11-716 1A14 01+T12+S12425+AT11 ET + SRM BASE

ALPHAT ( 2 ) = -4.283 BETAT ( 5 ) = 8.210  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2576 -.2760 -.2666 -.2755 -.2803 -.3016

ALPHAT ( 3 ) = -.560 BETAT ( 1 ) = -8.230  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2946 -.3103 -.3462 -.3510 -.3705 -.3765

ALPHAT ( 3 ) = -.340 BETAT ( 2 ) = -4.100  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2415 -.3094 -.3370 -.3484 -.3631 -.3793

ALPHAT ( 3 ) = -.540 BETAT ( 3 ) = -.010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2291 -.2884 -.3023 -.3288 -.3375 -.3623

ALPHAT ( 3 ) = -.550 BETAT ( 4 ) = 4.110  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
.000 -.2940 -.3220 -.2689 -.2980 -.2980 -.3255

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ARC11-716 1A14 01+T12+SIGNES+AT11 ET + SRM BASE

ALPHAT( 3) = -.550 BETAT ( 3) = 0.210

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2554 -.3000 -.2564 -.2836 -.2768 -.3085

ALPHAT( 4) = 4.070 BETAT ( 1) = -8.210

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2386 -.3004 -.3686 -.3791 -.3751 -.3968

ALPHAT( 4) = 4.090 BETAT ( 2) = -4.100

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2302 -.3010 -.3520 -.3768 -.3591 -.3935

ALPHAT( 4) = 4.010 BETAT ( 3) = .000

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2260 -.2922 -.3129 -.3490 -.3414 -.3677

ALPHAT( 4) = 4.040 BETAT ( 4) = 4.110

SECTION ( 1)ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2397 -.3029 -.2788 -.3246 -.3133 -.3475



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10  
ARC11-716 IAI4 D1\*12\*512N25\*AT11 ET + SRM BASE (RB1Y40)

ALPHAT( 4 ) = 4.260 BETAT ( 5 ) = 8.240  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8355 -.2671 -.3041 -.2940 -.3213

ALPHAT( 5 ) = 8.120 BETAT ( 1 ) = -8.220  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8254 -.2861 -.3603 -.3934 -.3656 -.4043

ALPHAT( 5 ) = 8.100 BETAT ( 2 ) = -4.100  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8169 -.2828 -.3463 -.3992 -.3835 -.4060

ALPHAT( 5 ) = 8.040 BETAT ( 3 ) = .000  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8102 -.2758 -.3244 -.3706 -.3691 -.3827

ALPHAT( 5 ) = 8.150 BETAT ( 4 ) = 8.300  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.8199 -.2695 -.2746 -.3176 -.3070 -.3360

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ARC11-716 IA14 01+T12+S12N25

ET + SRM BASE

(RB1Y41) ( 14 FEB 74 )

## REFERENCE DATA

## PARAMETRIC DATA

BREF = 2.4210 36. FT. XMRP = 29.3800 INCHES  
 LREF = 36.7090 INCHES YMRP = .0000 INCHES  
 BREF = 36.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

MACH = .600 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000

ALPHAT ( 1 ) = -0.260 BETAT ( 1 ) = -.010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2024 -.2396 -.3029 -.3543 -.3407 -.3930

ALPHAT ( 1 ) = -0.270 BETAT ( 2 ) = 4.070

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2327 -.2727 -.2482 -.3500 -.3416 -.3892

ALPHAT ( 1 ) = -0.290 BETAT ( 3 ) = 6.170

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2689 -.3122 -.2194 -.2739 -.3148 -.3236

ALPHAT ( 2 ) = -4.310 BETAT ( 1 ) = -0.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2336 -.3165 -.3036 -.3289 -.2747 -.3786



ARC11-716 IAI4 01+712+31R25

ET + SRM BASE

(RBIY41)

ALPHAT ( 2 ) = -4.290 BETAT ( 2 ) = -4.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2176 -.2708 -.3004 -.3022 -.3037 -.3657

ALPHAT ( 2 ) = -4.290 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.1838 -.2208 -.2777 -.3156 -.3018 -.3511

ALPHAT ( 2 ) = -4.180 BETAT ( 4 ) = 4.070

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2142 -.2538 -.2366 -.2879 -.3075 -.3512

ALPHAT ( 2 ) = -4.180 BETAT ( 5 ) = 0.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2364 -.3112 -.2199 -.2654 -.2994 -.3208

ALPHAT ( 3 ) = -4.480 BETAT ( 1 ) = -6.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.2399 -.3168 -.2825 -.3025 -.2728 -.3566

DATE 08 JAN 78 TABULATED PRESSURE DATA - IAI14 - VOL. 10

(R81Y41)

ET + SRM BASE

ARC11-716 IAI14 01+T12+S12M25

ALPHAT( 3 ) = -.480 BETAT ( 2 ) = -4.090  
 SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2181 -.2708 -.2793 -.2840 -.2837 -.3361  
 ALPHAT( 3 ) = -.470 BETAT ( 3 ) = .020  
 SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.1883 -.2152 -.2673 -.3031 -.3010 -.3444  
 ALPHAT( 3 ) = -.480 BETAT ( 4 ) = 4.060  
 SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2177 -.2606 -.2189 -.2839 -.3001 -.3260  
 ALPHAT( 3 ) = -.470 BETAT ( 5 ) = 8.180  
 SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2389 -.3284 -.2302 -.2724 -.3011 -.3197  
 ALPHAT( 4 ) = 4.090 BETAT ( 1 ) = -6.170  
 SECTION ( 11ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 901.0000902.0000901.0000902.0000903.0000904.0000

.000 -.2299 -.3036 -.2893 -.3025 -.2650 -.3323



(RBIY41)

ET + SRM BASE

AYC11-716 IATAA 21\*12+512M25

ALPHAT ( 4 ) = 4.120 BETAT ( 2 ) = -4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2110 -.2897 -.2336 -.2800 -.2596 -.3330

ALPHAT ( 4 ) = 4.110 BETAT ( 3 ) = .030

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.1880 -.2182 -.2672 -.3106 -.2970 -.3439

ALPHAT ( 4 ) = 4.100 BETAT ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2139 -.2603 -.2437 -.3005 -.3147 -.3429

ALPHAT ( 4 ) = 4.100 BETAT ( 5 ) = 6.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2501 -.3039 -.2414 -.3016 -.3170 -.3486

ALPHAT ( 5 ) = 4.040 BETAT ( 1 ) = -6.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2836 -.2992 -.2903 -.3242 -.2803 -.3673

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 1D

ARC11-716 IA14 OI+TI2+SI2M25 ET + SRM BASE (RB1Y41)

ALPHAT ( 5 ) = 6.080 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.1929 -.2559 -.2783 -.2986 -.2774 -.3422

ALPHAT ( 5 ) = 6.090 BETAT ( 3 ) = -.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.1732 -.1947 -.2832 -.3310 -.3349 -.3733

ALPHAT ( 5 ) = 7.950 BETAT ( 4 ) = 6.220

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2324 -.2846 -.2698 -.3385 -.3653 -.3776



ARC1-716 1A14 01+112+512N25

ET + SRM BASE

(RB1Y4E) ( 14 FEB 74 )

## REFERENCE DATA

SREF = 2.4210 56.FT. XMRP = 29.5800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

## PARAMETRIC DATA

MACH = .750 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000

ALPHAT ( 1 ) = -0.370 BETAT ( 1 ) = -0.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3067 -.3789 -.3657 -.3616 -.2977 -.3863

ALPHAT ( 1 ) = -0.220 BETAT ( 2 ) = -4.060

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2758 -.3280 -.3127 -.3049 -.3090 -.3715

ALPHAT ( 1 ) = -0.200 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2187 -.2615 -.2941 -.3592 -.3405 -.3887

ALPHAT ( 1 ) = -0.210 BETAT ( 4 ) = 4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2626 -.3339 -.2462 -.3265 -.3288 -.3747

ALPHAT ( 1 ) = -8.400 BETAT ( 5 ) = 0.190

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3171 -.3721 -.2256 -.2649 -.3051 -.3252

ALPHAT ( 2 ) = -4.360 BETAT ( 1 ) = -0.180

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2860 -.3723 -.3251 -.3181 -.2724 -.3715

ALPHAT ( 2 ) = -4.360 BETAT ( 2 ) = -4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2614 -.3081 -.2874 -.2782 -.2886 -.3393

ALPHAT ( 2 ) = -4.350 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2014 -.2358 -.2675 -.2995 -.3012 -.3483

ALPHAT ( 2 ) = -4.360 BETAT ( 4 ) = 4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2482 -.2998 -.2131 -.2713 -.2913 -.3318



DATE 9 JAN 79 TABULATED PRESSURE DATA - IAI14A - VOL. 1D

ARC11-716 IAI14 01+T12+S12N25 ET + SRM BASE (RBIY4E)

ALPHAT ( 2 ) = -4.380 BETAT ( 5 ) = 6.190

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2907 -.3032 -.2241 -.2602 -.2695 -.3021

ALPHAT ( 3 ) = -.580 BETAT ( 1 ) = -6.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2776 -.3512 -.2940 -.3005 -.2665 -.3504

ALPHAT ( 3 ) = -.550 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2596 -.3026 -.2703 -.2756 -.2756 -.3392

ALPHAT ( 3 ) = -.540 BETAT ( 3 ) = .020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2111 -.2580 -.2642 -.2680 -.2695 -.3276

ALPHAT ( 3 ) = -.550 BETAT ( 4 ) = 4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2597 -.3069 -.2217 -.2669 -.2642 -.3202

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1Y4Z)

ET + SRM BASE

ARC11-716 IA14 01+712+312M25

ALPHAT ( 3 ) = -.340 BETAT ( 5 ) = 0.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2902 -.3360 -.2250 -.2576 -.2650 -.3074

ALPHAT ( 4 ) = 4.180 BETAT ( 1 ) = -6.210

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.0284 -.3173 -.3070 -.3012 -.2982 -.2980

ALPHAT ( 4 ) = 4.180 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2439 -.2997 -.2623 -.2763 -.2509 -.3219

ALPHAT ( 4 ) = 4.190 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2170 -.2478 -.2665 -.2668 -.2919 -.3376

ALPHAT ( 4 ) = 4.180 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2382 -.2983 -.2448 -.2658 -.3043 -.3329



(RB1742)

ASC11-716 IA14 01+12+512N25 ET + SRM BASE

ALPHAT ( 4 ) = 4.180 BETAT ( 5 ) = 8.240  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000903.0000904.0000

.000 -.8785 -.3329 -.2399 -.2829 -.3063 -.3333

ALPHAT ( 5 ) = 8.160 BETAT ( 1 ) = -8.220  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000903.0000904.0000

.000 -.2321 -.3176 -.3006 -.3236 -.2857 -.3591

ALPHAT ( 5 ) = 8.800 BETAT ( 2 ) = -4.090  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000903.0000904.0000

.000 -.2338 -.2887 -.2856 -.2975 -.2763 -.3505

ALPHAT ( 5 ) = 8.090 BETAT ( 3 ) = .020  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000903.0000904.0000

.000 -.2098 -.2363 -.2883 -.3269 -.3230 -.3571

ALPHAT ( 5 ) = 8.070 BETAT ( 4 ) = 4.180  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000903.0000904.0000

.000 -.2376 -.2853 -.2811 -.3292 -.3415 -.3650

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TABLULATED PRESSURE DATA - 1A14A - VOL. 10

PAGE 5302

ARC11-716 1A14 01+T112+S12N25

ET + SRM BASE

(RBIY42)

ALPHAT ( S ) = 0.060 BETAT ( S ) = 0.310

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2595 -.3357 -.2854 -.3339 -.3469 -.3778



(R81Y43) ( 14 FEB 74 )

ET + SRM BASE

ARC10716 JAL4 01Y12Y512N25

PARAMETRIC DATA

MACH = .650 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

REFERENCE DATA

SREF = 2.4210 59.FT. YMRP = 29.5600 INCHES  
LREF = 38.7090 INCHES YMRP = .0000 INCHES  
BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

ALPHAT ( 1 ) = -0.480 BETAT ( 1 ) = -0.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000602.0000603.0000604.0000

.000 -.3379 -.4029 -.3349 -.3217 -.2846 -.3580

ALPHAT ( 1 ) = -0.380 BETAT ( 2 ) = -4.070

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000602.0000603.0000604.0000

.000 -.3203 -.3561 -.2872 -.2793 -.2853 -.3559

ALPHAT ( 1 ) = -0.890 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000602.0000603.0000604.0000

.000 -.2384 -.2824 -.3118 -.3485 -.3342 -.3915

ALPHAT ( 1 ) = -0.370 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000602.0000603.0000604.0000

.000 -.3141 -.3659 -.2355 -.3045 -.3206 -.3632

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(RE143)

ET + SRM BASE

ARC11-716 IAI14 01+118+518NBS

ALPHAT ( 1 ) = -0.480 BETAT ( 5 ) = 0.220  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3352 -.4813 -.2333 -.2582 -.2860 -.3081  
 ALPHAT ( 2 ) = -4.300 BETAT ( 1 ) = -0.810  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3316 -.3907 -.3221 -.3180 -.2648 -.3356  
 ALPHAT ( 2 ) = -4.280 BETAT ( 2 ) = -4.100  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2935 -.3169 -.2699 -.2749 -.2538 -.3152  
 ALPHAT ( 2 ) = -4.000 BETAT ( 3 ) = .000  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2426 -.2573 -.2627 -.2977 -.2937 -.3435  
 ALPHAT ( 2 ) = -4.240 BETAT ( 4 ) = 4.100  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3294 -.3441 -.2822 -.2539 -.2828 -.3201



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(RB1V4D)

ET + SRM BASE

ARC11-716 IA14 D1+Y12+31242:

ALPHAT ( 8 ) = -4.280 BETAT ( 5 ) = 8.210

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3430 -.4057 -.2257 -.2458 -.2690 -.2879

ALPHAT ( 3 ) = -.600 BETAT ( 1 ) = -8.240

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3080 -.3712 -.2972 -.2984 -.2961 -.3454

ALPHAT ( 3 ) = -.600 BETAT ( 2 ) = -5.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3061 -.3481 -.2610 -.2680 -.2518 -.3198

ALPHAT ( 3 ) = -.600 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2850 -.3084 -.2453 -.2377 -.2723 -.3180

ALPHAT ( 3 ) = -.600 BETAT ( 4 ) = 4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000904.0000

.000 -.3039 -.3434 -.2253 -.2466 -.2658 -.3019

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(RB1Y43)

ET + SRM BASE

ARC11-716 IAI14 OI+T12+312M23

ALPHAT ( 3 ) = -.590 BETAT ( 3 ) = 0.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3185 -.3971 -.2176 -.2564 -.2574 -.2905

ALPHAT ( 4 ) = 4.050 BETAT ( 1 ) = -0.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3025 -.3502 -.3076 -.3042 -.2632 -.3551

ALPHAT ( 4 ) = 3.990 BETAT ( 2 ) = -4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2918 -.3342 -.2549 -.2663 -.2465 -.3110

ALPHAT ( 4 ) = 4.000 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2706 -.3264 -.2497 -.2726 -.2784 -.3169

ALPHAT ( 4 ) = 4.100 BETAT ( 4 ) = 4.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2976 .3482 -.2424 -.2788 -.2830 -.3299



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(RBIY43)

ARC11-716 1A14 01-7112-S12N25 ET + SRM BASE

ALPHAT ( 4 ) = 4.130 BETAT ( 3 ) = 8.300  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3142 -.3557 -.2390 -.2823 -.2933 -.3241

ALPHAT ( 3 ) = 8.140 BETAT ( 1 ) = -8.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2914 -.3472 -.3036 -.3213 -.2723 -.3508

ALPHAT ( 3 ) = 8.160 BETAT ( 2 ) = -4.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2811 -.3201 -.2988 -.2972 -.2841 -.3468

ALPHAT ( 3 ) = 8.160 BETAT ( 3 ) = .003

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2612 -.2889 -.2900 -.3004 -.3006 -.3563

ALPHAT ( 2 ) = 6.150 BETAT ( 4 ) = 4.180

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000302.0000801.0000802.0000803.0000804.0000

.000 -.2889 -.3322 -.2782 -.3121 -.3181 -.3560

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TABLATED PRESSURE DATA - IA14A - VOL. 10

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ARC11-716 IA14 DI+T12+S12M25

ET + SRM BASE

(R01Y43)

ALPHAT (S) = 0.220 BETAT (S) = 0.300

SECTION ( 1/ET + SRM BASE DEPENDENT VARIABLE CP

TA\* NO 901.0000002.0000001.0000002.0000003.0000004.0000

.000 -.3004 -.3583 -.2027 -.2995 -.3433 -.3869



PARAMETRIC DATA

MACH = .500 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

REFERENCE DATA

REF = 2.4210 50 FT. WMR = 29.5800 INCHES  
LREF = 30.7090 INCHES WMR = .0000 INCHES  
BREF = 30.7090 INCHES ZMR = .0000 INCHES  
SCALE = .0000 SCALE

ALPHAT( 1 ) = -0.590 BETAT ( 1 ) = -0.190

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3791 -0.4202 -0.3483 -0.3213 -0.2841 -0.3538

ALPHAT( 1 ) = -0.590 BETAT ( 2 ) = -4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3473 -0.3791 -0.2993 -0.2867 -0.2836 -0.3572

ALPHAT( 1 ) = -0.580 BETAT ( 3 ) = .020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0070

.000 -0.2790 -0.2899 -0.3224 -0.3481 -0.3395 -0.3940

ALPHAT( 1 ) = -0.540 BETAT ( 4 ) = 4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3366 -0.3946 -0.2454 -0.2891 -0.5093 -0.3970

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01-T12-S12N25 ET + SRM BASE (RB1Y44)

ALPHAT ( 1 ) = -6.570 BETAT ( 5 ) = 8.220  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -3.844 -4.452 -2.283 -2.334 -1.2846 -2.2989

ALPHAT ( 2 ) = -4.500 BETAT ( 1 ) = -6.230  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -3.552 -3.588 -3.157 -3.3045 -2.2719 -3.3222

ALPHAT ( 2 ) = -4.350 BETAT ( 2 ) = -4.120  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -3.309 -3.356 -2.2726 -2.2707 -2.2456 -3.3291

ALPHAT ( 2 ) = -4.240 BETAT ( 3 ) = .000  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -2.2852 -2.2805 -2.2872 -2.2963 -2.2856 -3.3517

ALPHAT ( 2 ) = -4.290 BETAT ( 4 ) = 4.100  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000  
.000 -3.3275 -3.3612 -2.2247 -2.2562 -2.2737 -3.3287



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(R81Y44)

ET + SRM BASE

DATE 09 JAN 73

ARC1:716 IA14 01+112+S12N25

ALPHAT ( 2 ) = -4.310    BETAT ( 5 ) = 6.220  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3331    -.4166    -.2130    -.2294    -.2610    -.2782

ALPHAT ( 3 ) = -.810    BETAT ( 1 ) = -6.240  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3345    -.3620    -.3100    -.3107    -.2573    -.3427

ALPHAT ( 3 ) = -.580    BETAT ( 2 ) = -4.120  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3264    -.3566    -.2587    -.2556    -.2438    -.3159

ALPHAT ( 3 ) = -.590    BETAT ( 3 ) = .010  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3190    -.3469    -.2363    -.2479    -.2592    -.3025

ALPHAT ( 3 ) = -.590    BETAT ( 4 ) = 4.120  
 SECTION ( 1 ) ET + SRM BASE    DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000    -.3311    -.3729    -.2134    -.2433    -.2595    -.2967

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ARC11-716 1A14 01+T12+312N25

ALPHAT ( 3 ) = -.570 BETAT ( 5 ) = 8.240

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3401 -.4035 -.2179 -.2317 -.2565 -.2869

ALPHAT ( 4 ) = 4.100 BETAT ( 1 ) = -8.280

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3263 -.3626 -.3088 -.3052 -.2701 -.3471

ALPHAT ( 4 ) = 4.120 BETAT ( 2 ) = -4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3180 -.3568 -.2428 -.2668 -.2367 -.3010

ALPHAT ( 4 ) = 4.000 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3169 -.3479 -.2377 -.2469 -.2552 -.3033

ALPHAT ( 4 ) = 4.040 BETAT ( 4 ) = 4.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3187 -.3587 -.2295 -.2601 -.2704 -.3249



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(RBY44)

ET + SRM BASE

ARC11-716 IA14 01+T12+S12N25

ALPHAT ( 4 ) = 4.070 BETAT ( 5 ) = 6.300

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3290 -.3850 -.2402 -.2671 -.2865 -.3191

ALPHAT ( 5 ) = 6.120 BETAT ( 1 ) = -8.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3180 -.3676 -.3194 -.3023 -.2792 -.3409

ALPHAT ( 5 ) = 6.110 BETAT ( 2 ) = -4.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3157 -.3495 -.2805 -.2795 -.2596 -.3325

ALPHAT ( 5 ) = 6.130 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2984 -.3410 -.2940 -.2992 -.2986 -.3477

ALPHAT ( 5 ) = 6.150 BETAT ( 4 ) = 4.180

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3204 -.3503 -.2853 -.2965 -.3076 -.3506

DATE 09 JAN 75      TABULATED PRESSURE DATA - 1A14V - VOL. 0

(R01Y44)

ET + SRM BASE

ARC11-716 1A14 01+T12+S12N25

ALPHAT ( S ) =    0.210    BETAT ( S ) =    0.360

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TAP NO    501.0000502.0000001.0000002.0000003.0000004.0000

.000    -.3366    -.3763    -.2921    -.3060    -.3253    -.3544



(RB1Y45) ( 21 FEB 74 )

ET + SRM BASE

ARC11-716 IA14 01+112+S12K25

PARAMETRIC DATA

REFERENCE DATA

MACH = .950 ELEVON \* .000  
RUDDER = .000 SPOBRK \* .000

SREF = 2.4810 SQ.FT. XMRP = 29.5800 INCHES  
LREF = 38.7090 INCHES YMRP = .0000 INCHES  
BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

ALPHAT ( 1 ) = -0.560 BETAT ( 1 ) = -0.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4323 -.4650 -.3627 -.3479 -.3079 -.3770

ALPHAT ( 1 ) = -0.420 BETAT ( 2 ) = -4.090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4134 -.4361 -.3290 -.3212 -.2998 -.3780

ALPHAT ( 1 ) = -0.410 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4039 -.4310 -.3154 -.3141 -.3219 -.3753

ALPHAT ( 1 ) = -0.330 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4312 -.4508 -.2822 -.2829 -.3137 -.3490

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R81Y45)

ET + SRM BASE

ARC11-716 IA14 O1+T12+SIEN25

ALPHAT ( 1 ) = -8.560 BETAT ( 5 ) = 8.260  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.4369 -.4913 -.2413 -.2333 -.2848 -.2950

ALPHAT ( 8 ) = -4.490 BETAT ( 1 ) = -8.240  
 SECTION ( 2 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.4056 -.4365 -.3348 -.3243 -.2882 -.3599

ALPHAT ( 8 ) = -4.380 BETAT ( 2 ) = -4.120  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.3833 -.3908 -.3030 -.2873 -.2738 -.3532

ALPHAT ( 8 ) = -4.290 BETAT ( 3 ) = -.020  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.3667 -.3886 -.2907 -.2860 -.2865 -.3429

ALPHAT ( 8 ) = -4.350 BETAT ( 4 ) = 4.110  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.3874 -.4323 -.2562 -.2590 -.2733 -.3247



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10 (R81Y45)  
ARC11-716 IA14 D1+T12+S12N25 ET + SRM BASE

ALPHAT ( 2 ) = -4.370 BETAT ( 5 ) = 0.260  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4101 -.4726 -.2523 -.2470 -.2790 -.2900  
ALPHAT ( 3 ) = -.610 BETAT ( 1 ) = -0.280  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3870 -.4305 -.3363 -.3468 -.2920 -.3587  
ALPHAT ( 3 ) = -.580 BETAT ( 2 ) = -4.130  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3710 -.3986 -.2767 -.2872 -.2577 -.3333  
ALPHAT ( 3 ) = -.580 BETAT ( 3 ) = .010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3505 -.3779 -.2512 -.2607 -.2657 -.3229  
ALPHAT ( 3 ) = -.580 BETAT ( 4 ) = 4.120  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3801 -.4319 -.2357 -.2464 -.2647 -.3110

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(R01Y45)

ET + SRM BASE

ARC11-716 IA14 01+T12+S12M25

ALPHAT ( 3 ) = -.590 BETAT ( 5 ) = 0.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3885 -.4593 -.2365 -.2487 -.2611 -.2895

ALPHAT ( 4 ) = 4.070 BETAT ( 1 ) = -0.300

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3648 -.4037 -.3152 -.3332 -.2808 -.3565

ALPHAT ( 4 ) = 4.150 BETAT ( 2 ) = -4.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3838 -.3909 -.2642 -.2807 -.2585 -.3107

ALPHAT ( 4 ) = 4.070 BETAT ( 3 ) = -.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3689 -.3985 -.2477 -.2128 -.2598 -.3014

ALPHAT ( 4 ) = 4.070 BETAT ( 4 ) = 4.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3651 -.4244 -.2476 -.2622 -.2756 -.3033



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10

(R81Y49)

ET \* SRM BASE

ARC:--716 IAI4 01+T12+312N25

ALPHAT ( 3 ) = 6.220 BETAT ( 1 ) = -8.310

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3578 -.3953 -.3153 -.3096 -.2812 -.3573

ALPHAT ( 3 ) = 6.270 BETAT ( 2 ) = -4.150

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3557 -.3906 -.2920 -.2846 -.2750 -.3299

ALPHAT ( 3 ) = 6.310 BETAT ( 3 ) = .010

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3482 -.3859 -.3022 -.3031 -.2915 -.3512

ALPHAT ( 3 ) = 6.270 BETAT ( 4 ) = 4.210

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3642 -.3865 -.2862 -.2810 -.2970 -.3472

ALPHAT ( 3 ) = 6.240 BETAT ( 5 ) = 6.420

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3744 -.4215 -.2830 -.3056 -.3226 -.3569

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ARC11-716 IA14 01\*118\*518\*83

ET + SRM BASE

(R01Y46) ( 14 FEB 74 )

## REFERENCE DATA

SREF = 2.4210 SQ.FT. XMRP = 29.5800 INCHES  
 LREF = 39.7090 INCHES YMRP = .0000 INCHES  
 BRP = 39.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHAT ( 1 ) = -0.670 BETAT ( 1 ) = -0.210

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4379 -.4780 -.3611 -.3751 -.3329 -.4027

ALPHAT ( 2 ) = -0.630 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4361 -.4610 -.3608 -.3306 -.3284 -.4071

ALPHAT ( 3 ) = -0.550 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4370 -.4532 -.3404 -.3274 -.3525 -.3976

ALPHAT ( 4 ) = -0.600 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.4434 -.4690 -.3135 -.2956 -.3278 -.3750

## PARAMETRIC DATA

MACH = .975 ELEVOM = .000  
 RUDDER = .000 SPOBRK = .000



DATE 09 JAN 79 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(RBIY46)

ET + SRM BASE

ARC11-716 IAI4 DI+T12+S12N25

ALPHAT ( 1 ) = -0.830 BETAT ( 3 ) = 0.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.4585 -.5855 -.2668 -.2449 -.2984 -.3039

ALPHAT ( 2 ) = -4.390 BETAT ( 1 ) = -0.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.4366 -.4750 -.3507 -.3465 -.3052 -.3731

ALPHAT ( 2 ) = -4.360 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.4049 -.4226 -.3303 -.3276 -.2973 -.3778

ALPHAT ( 2 ) = -4.270 BETAT ( 3 ) = -.010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.4021 -.4103 -.3087 -.2986 -.2986 -.3536

ALPHAT ( 2 ) = -4.400 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000601.0000802.0000803.0000804.0000

.000 -.4184 -.4441 -.2782 -.2703 -.2874 -.3324

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+112+512M25 ET + SRM BASE (RBIY46)

ALPHAT ( 2 ) = -4.410 BETAT ( 3 ) = 0.240  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -4.4284 -4.912 -2.710 -2.2547 -2.2897 -3.060  
ALPHAT ( 3 ) = -6.610 BETAT ( 1 ) = -8.280  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -4.4221 -4.930 -3.373 -3.3549 -3.3073 -3.3790  
ALPHAT ( 3 ) = -5.990 BETAT ( 2 ) = -4.130  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -3.9918 -4.195 -3.3240 -3.3074 -2.2818 -3.3576  
ALPHAT ( 3 ) = -5.990 BETAT ( 3 ) = .010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -3.9851 -3.995 -3.3224 -3.3020 -2.2944 -3.3562  
ALPHAT ( 3 ) = -5.990 BETAT ( 4 ) = 4.110  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -3.9958 -4.484 -2.567 -2.2599 -2.2864 -3.3230



DATE 09 JAN 73 LAB-ATED PRESSURE DATA - IAI14A - VOL. 10

(RBIY46)

ET + SRM BASE

ARC11-716 IAI14 01+12+12+25

ALPHAT ( 3 ) = - .190 BETAT ( 3 ) = 8.260  
SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.4046 -.4853 -.2593 -.2685 -.2682 -.2970

ALPHAT ( 4 ) = 4.080 BETAT ( 1 ) = -8.290

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3614 -.4278 -.3413 -.3603 -.3117 -.3790

ALPHAT ( 4 ) = 4.030 BETAT ( 2 ) = -4.150

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3768 -.4022 -.2996 -.3042 -.2744 -.3463

ALPHAT ( 4 ) = 4.080 BETAT ( 3 ) = .000

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3801 -.4037 -.2805 -.2776 -.2883 -.3368

ALPHAT ( 4 ) = 4.010 BETAT ( 4 ) = 4.160

SECTION ( 11 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3887 -.4427 -.2919 -.2940 -.2670 -.3462

ORIGINAL FACETS  
OF POOR QUALITY

ARC11-716 IA14 01+T12+S12N25 ET + SRM BASE (RBIY46)

ALPHAT ( 4 ) = 4.030 BETAT ( 5 ) = 8.320  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP  
 TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3679 -.4480 -.2710 -.2853 -.2803 -.3253  
 ALPHAT ( 5 ) = 8.080 BETAT ( 1 ) = -8.290  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.3643 -.4328 -.3590 -.3455 -.3140 -.3746  
 ALPHAT ( 5 ) = 8.030 BETAT ( 2 ) = -4.140  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.3700 -.3997 -.3190 -.3133 -.2967 -.3648  
 ALPHAT ( 5 ) = 8.070 BETAT ( 3 ) = .080  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.3583 -.3897 -.3358 -.3316 -.3301 -.3784  
 ALPHAT ( 5 ) = 8.160 BETAT ( 4 ) = 4.210  
 SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000  
 .000 -.3756 -.4184 -.3295 -.3380 -.3481 -.3983



DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC11-716 1A14 01+112+512N25 ET + SRM BASE (RB1Y46)

ALPHA ( 5 ) = 0.110 BETA ( 5 ) = 0.380

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3935 -.4631 -.3491 -.3337 -.3643 -.3625

REPRODUCED FROM THE POWER QUALITY

ARC11-716 J114 01+T12+S12N25

ET + SRM BASE

(RB1Y47) ( 14 FEB 74 )

## REFERENCE DATA:

SREF = 2.4210 50.FT. XMRP = 29.5800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BRFF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0500 SCALE

ALPHAT ( 1 ) = -0.730 BETAT ( 1 ) = -0.250

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.4321 -0.4497 -0.5925 -0.4099 -0.3778 -0.4423

ALPHAT ( 1 ) = -0.690 BETAT ( 2 ) = -4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3996 -0.4240 -0.3982 -0.3734 -0.3803 -0.4420

ALPHAT ( 1 ) = -0.680 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3981 -0.4269 -0.3716 -0.3642 -0.3854 -0.4221

ALPHAT ( 1 ) = -0.680 BETAT ( 4 ) = 4.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.4118 -0.4324 -0.3707 -0.3439 -0.3807 -0.4179

## PARAMETRIC DATA

MACH = 1.050 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RBIY47)

ET + SRM BASE

ARC11-716 IA14 01+112+912N25

ALPHAT ( 1 ) = -8.720 BETAT ( 5 ) = 8.320

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.4239 -.4994 -.3537 -.3156 -.3695 -.3816

ALPHAT ( 2 ) = -4.340 BETAT ( 1 ) = -8.300

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.4118 -.4397 -.3770 -.3626 -.3457 -.4141

ALPHAT ( 2 ) = -4.320 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3830 -.4122 -.3665 -.3564 -.3479 -.4127

ALPHAT ( 2 ) = -4.380 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

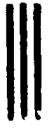
.000 -.3854 -.3906 -.3569 -.3535 -.3591 -.4119

ALPHAT ( 2 ) = -4.380 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -.3784 -.4325 -.3355 -.3334 -.3555 -.3814



(RB1Y47)

ET + SRM BASE

ARC11-716 IA14 01+112+512N25

ALPHAT ( 2 ) = -4.400 BETAT ( 5 ) = 3.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3874 -.4726 -.3466 -.3325 -.3542 -.3765

ALPHAT ( 3 ) = -.310 BETAT ( 1 ) = -8.320

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3893 -.4420 -.3631 -.3790 -.3488 -.4242

ALPHAT ( 3 ) = -.290 BETAT ( 2 ) = -4.160

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3676 -.4115 -.3547 -.3424 -.3229 -.3948

ALPHAT ( 3 ) = -.610 BETAT ( 3 ) = .020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3558 -.3803 -.3466 -.3513 -.3529 -.4112

ALPHAT ( 3 ) = -.200 BETAT ( 4 ) = 4.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3625 -.4206 -.3251 -.3360 -.3478 -.3922



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10

(R81Y47)

ET + SRM BASE

ARC11-716 IAI4 01-112+512N25

ALPHAT ( 3 ) = -.210 BETAT ( 5 ) = 0.290  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3768 -.4595 -.3420 -.3502 -.3445 -.3616

ALPHAT ( 4 ) = 4.035 BETAT ( 1 ) = -0.310  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3642 -.4501 -.3658 -.3917 -.3629 -.4278

ALPHAT ( 4 ) = 4.040 BETAT ( 2 ) = -4.140  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3468 -.3938 -.3433 -.3619 -.3442 -.4102

ALPHAT ( 4 ) = 4.040 BETAT ( 3 ) = .010  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3389 -.3758 -.3342 -.3539 -.3650 -.3964

ALPHAT ( 4 ) = 4.030 BETAT ( 4 ) = 4.180  
SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3423 -.4059 -.3482 -.3628 -.3598 -.4104

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R81Y47)

ET + SRM BASE

ARC11-716 IA14 OI+TI2+SI2MS

ALPHAT ( 4 ) = 4.040 BETAT ( 5 ) = 8.360

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3536 -.4160 -.3369 -.3751 -.3629 -.4007

ALPHAT ( 5 ) = 8.100 BETAT ( 1 ) = -8.310

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3499 -.4055 -.3981 -.3909 -.3777 -.4283

ALPHAT ( 5 ) = 8.160 BETAT ( 2 ) = -4.160

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3291 -.3717 -.3905 -.3876 -.3838 -.4338

ALPHAT ( 5 ) = 8.200 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2985 -.3365 -.3831 -.3894 -.3916 -.4372

ALPHAT ( 5 ) = 8.150 BETAT ( 4 ) = 4.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3342 -.3998 -.3812 -.3893 -.4099 -.4490



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10

(R01147)

ET + SRM BASE

ARC11-716 IAL14 01-112-012N03

ALPHA ( S ) = 0.100 BETA ( S ) = 0.420

SECTION ( S ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0060902.0000001.0000002.0000003.0000004.0000

.000 -.3324 -.4226 -.4126 -.4179 -.4331 -.4317

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ARC11-716 1A14 01+T12+S12N25

ET + SRM BASE

(RB1Y48) ( 14 FEB 74 )

REFERENCE DATA

XREF = 2.4210 SQ.FT. XMRP = 29.5800 INCHES  
 YREF = 38.7090 INCHES YMRP = .0000 INCHES  
 ZREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.100 ELEVON = .000  
 RUDDER = .000 SPBRK = .000

ALPHAT ( 1 ) = -0.680 BETAT ( 1 ) = -0.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.4192 -0.4474 -0.3817 -0.4144 -0.3774 -0.4232

ALPHAT ( 1 ) = -0.660 BETAT ( 2 ) = -4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3975 -0.4258 -0.4125 -0.3973 -0.4070 -0.4692

ALPHAT ( 1 ) = -0.610 BETAT ( 3 ) = .020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.3816 -0.4228 -0.4071 -0.4176 -0.4246 -0.4624

ALPHAT ( 1 ) = -0.630 BETAT ( 4 ) = 4.130

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -0.4060 -0.4187 -0.3703 -0.3568 -0.3858 -0.4111



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAIKA - VOL. 10

(RBIY48)

ET + SRM BASE

ARC11-716 IAI4 01-712-512N25

ALPHAT ( 1 ) = -0.660 BETAT ( 5 ) = 6.330

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.4157 -1.4799 -1.3368 -1.2998 -1.3466 -1.3618

ALPHAT ( 2 ) = -4.450 BETAT ( 1 ) = -0.280

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.4034 -1.4429 -1.3606 -1.3942 -1.3698 -1.4121

ALPHAT ( 2 ) = -4.430 BETAT ( 2 ) = -4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3737 -1.4150 -1.3740 -1.3798 -1.3790 -1.4344

ALPHAT ( 2 ) = -4.340 BETAT ( 3 ) = 1.020

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3525 -1.3798 -1.3786 -1.3932 -1.3893 -1.4393

ALPHAT ( 2 ) = -4.340 BETAT ( 4 ) = 4.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -1.3728 -1.4207 -1.3399 -1.3446 -1.3565 -1.3956



DATE 08 JAN 73 TABULATED PRESSURE DATA - 11144 - VOL. 10

(R81748)

ET + SRM BASE

ARC11-716 1A14 01+T12+312N25

ALPHAT( 2 ) = -4.350 BETAT ( 3 ) = 8.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302 0000801.0000802.0000803.0000804.0000  
.000 -3.864 -4.626 -3.328 -3.197 -3.332 -3.368

ALPHAT( 3 ) = -1.640 BETAT ( 1 ) = -6.320

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -3.840 -4.420 -3.662 -3.873 -3.366 -4.234

ALPHAT( 3 ) = -1.620 BETAT ( 2 ) = -4.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -3.344 -4.460 -3.338 -3.317 -3.349 -4.4039

ALPHAT( 3 ) = -1.610 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -3.316 -3.359 -3.300 -3.320 -3.356 -4.316

ALPHAT( 3 ) = -1.610 BETAT ( 4 ) = 4.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000302.0000801.0000802.0000803.0000804.0000

.000 -3.469 -3.973 -3.381 -3.697 -3.367 -4.4034



(R01Y40)

ET + SRM BASE

ARC11-716 1A14 01+712+312N25

ALPHAT ( 3 ) = -.620 BETAT ( 5 ) = 8.290

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3718 -.4578 -.3142 -.3302 -.3195 -.3625

ALPHAT ( 4 ) = 4.080 BETAT ( 1 ) = -8.450

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3921 -.4415 -.3652 -.3898 -.3757 -.4320

ALPHAT ( 4 ) = 4.090 BETAT ( 2 ) = -4.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3324 -.3911 -.3431 -.3619 -.3510 -.4074

ALPHAT ( 4 ) = 4.120 BETAT ( 3 ) = .090

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3178 -.3544 -.3305 -.3520 -.3612 -.4068

ALPHAT ( 4 ) = 4.110 BETAT ( 4 ) = 4.170

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3300 -.3918 -.3550 -.3847 -.3809 -.4259

(R01Y48)

ET + SRM BASE

ARC11-716 IAI4 01+T12+SRM25

ALPHAT ( 4 ) = 4.110 BETAT ( 5 ) = 8.360

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3506 -.4185 -.3239 -.3603 -.3470 -.3873

ALPHAT ( 5 ) = 8.790 BETAT ( 1 ) = -4.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3176 -.3682 -.3772 -.3901 -.3879 -.4330

ALPHAT ( 5 ) = 8.280 BETAT ( 2 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2882 -.3232 -.3762 -.3902 -.3883 -.4349

ALPHAT ( 5 ) = 8.240 BETAT ( 3 ) = 4.220

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3227 -.3869 -.3782 -.4012 -.4085 -.4431

ALPHAT ( 5 ) = 8.180 BETAT ( 4 ) = 8.410

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3368 -.4215 -.3829 -.3930 -.4090 -.4284



(RB1749) ( 14 FEB 74 )

ET + SRM BASE

ARC11-716 1A14 01+112+312+25

PARAMETRIC DATA

MACH = 1.150 ELEVON = .000  
R/DOR = .000 SPOBRK = .000

REFERENCE DATA

SRF 1 8.4210 58.571 AMR = 29.5800 INCHES  
SRF 2 38.7393 INCHES YMR = 18.0000 INCHES  
SRF 3 38.7393 INCHES ZMR = 10.0000 INCHES  
SCALE = .0300 SCALE

ALPHA ( 1 ) = -0.370 BETA ( 1 ) = -0.830

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3924 -.4315 -.5460 -.3852 -.3539 -.3875

ALPHA ( 1 ) = -0.350 BETA ( 2 ) = -4.097

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3608 -.3924 -.3023 -.3635 -.3633 -.4401

ALPHA ( 1 ) = -0.250 BETA ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3562 -.3901 -.3759 -.3842 -.3972 -.4333

ALPHA ( 1 ) = -0.540 BETA ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 901.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3691 -.3879 -.3460 -.3332 -.3603 -.3870

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R81Y49)

ET + SRM BASE

ARC11-716 IA14 01+712+812N25

ALPHAT ( 1 ) = -0.970 BETAT ( 5 ) = 0.280

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3824 -.4444 -.2949 -.2720 -.3118 -.3219

ALPHAT ( 2 ) = -4.410 BETAT ( 1 ) = -6.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3678 -.4200 -.3335 -.3574 -.3479 -.3687

ALPHAT ( 2 ) = -4.320 BETAT ( 2 ) = -4.210

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3280 -.3756 -.3336 -.3358 -.3574 -.4029

ALPHAT ( 2 ) = -4.320 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3139 -.3454 -.3501 -.3717 -.3725 -.4187

ALPHAT ( 2 ) = -4.320 BETAT ( 4 ) = 4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3331 -.3629 -.3122 -.3223 -.3300 -.3645



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA:14 01+712+S12N25 ET + SRM BASE (R81Y49)

ALPHAT ( 2 ) = -4.330 BETAT ( 5 ) = 0.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3542 -.4243 -.2904 -.2837 -.2983 -.3274

ALPHAT ( 3 ) = -.610 BETAT ( 1 ) = -8.270

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3452 -.4265 -.3220 -.3483 -.3347 -.3837

ALPHAT ( 3 ) = -.590 BETAT ( 2 ) = -4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3196 -.3727 -.3227 -.3411 -.3330 -.3912

ALPHAT ( 3 ) = -.580 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3033 -.3513 -.3215 -.3478 -.3339 -.4043

ALPHAT ( 3 ) = -.590 BETAT ( 4 ) = 4.120

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3100 -.3579 -.3058 -.3346 -.3290 -.3738

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ALPHAT ( 3 ) = -.590 BETAT ( 5 ) = 0.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3399 -.4146 -.2910 -.3368 -.3041 -.3353

ALPHAT ( 4 ) = 4.060 BETAT ( 1 ) = -8.260

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3253 -.4179 -.3326 -.3600 -.3519 -.3976

ALPHAT ( 4 ) = 3.960 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2984 -.3601 -.3232 -.3623 -.3491 -.3991

ALPHAT ( 4 ) = 3.960 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2799 -.3203 -.3201 -.3518 -.3579 -.3977

ALPHAT ( 4 ) = 3.990 BETAT ( 4 ) = 4.150

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2965 -.3470 -.3158 -.3472 -.3399 -.3898



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(R81Y49)

ET + SRM BASE

ASC11-716 IAI4 01+T12+S12N25

ALPHAT ( 4 ) = 3.990 BETAT ( 5 ) = 8.320

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3248 -.3039 -.3033 -.3480 -.3326 -.3680

ALPHAT ( 5 ) = 8.110 BETAT ( 1 ) = -8.280

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3066 -.3754 -.3750 -.3750 -.3571 -.4073

ALPHAT ( 5 ) = 8.100 BETAT ( 2 ) = -4.140

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2810 -.3342 -.3628 -.3872 -.3761 -.4165

ALPHAT ( 5 ) = 8.200 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2449 -.2879 -.3765 -.3938 -.3956 -.4360

ALPHAT ( 5 ) = 8.180 BETAT ( 4 ) = 4.180

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2793 -.3428 -.3402 -.3681 -.3713 -.4085

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ARC11-716 IA14 01+T12+812M25 ET + SRM BASE (RB1Y49)

ALPHAT ( S ) = 8.140 BETAT ( S ) = 8.390

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TA? NO 901.0000902.0000801.0000802.0000803.0000804.0000

.000 -.3034 -.3676 -.3555 -.3789 -.3876 -.4066



(R81Y50) ( 14 FEB 74 )

ET + SRM BASE

ARC11-716 1A14 Q1+T12+S12M25

PARAMETRIC DATA

MACH = 1.250 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

REFERENCE DATA

SRP = 2.4210 33.FT. XMRP = 29.5800 INCHES  
LREF = 38.7390 INCHES YMRP = .0000 INCHES  
SRF = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0330 SCALE

ALPHAT ( 1 ) = -8.560 BETAT ( 1 ) = -8.160

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3364 -.3988 -.2996 -.3428 -.3343 -.3589

ALPHAT ( 1 ) = -8.520 BETAT ( 2 ) = -4.080

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3059 -.3472 -.3277 -.3227 -.3450 -.3942

ALPHAT ( 1 ) = -8.510 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3148 -.3475 -.3113 -.3249 -.3392 -.3736

ALPHAT ( 1 ) = -8.420 BETAT ( 4 ) = 4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000601.0000802.0000803.0000804.0000

.000 -.3227 -.3449 -.3002 -.2928 -.3162 -.3404

DATE 09 JAN 75      TABULATED PRESSURE DATA - 1A14A - VOL. 10      (RBIY50)  
ARC11-716 1A14 01+T18+SIGN85      ET + SRM BASE

ALPHAT ( 1 ) = -0.550      BETAT ( 5 ) = 0.220  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP  
TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -0.3369    -0.2929    -0.2793    -0.2633    -0.2905    -0.3031  
ALPHAT ( 2 ) = -4.280      BETAT ( 1 ) = -0.180  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP  
TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -0.3273    -0.4102    -0.3004    -0.3340    -0.3287    -0.3613  
ALPHAT ( 2 ) = -4.260      BETAT ( 2 ) = -4.090  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP  
TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -0.2860    -0.3309    -0.2992    -0.3157    -0.3288    -0.3670  
ALPHAT ( 2 ) = -4.250      BETAT ( 3 ) = 0.020  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP  
TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -0.2948    -0.3198    -0.2939    -0.326    -0.3123    -0.3511  
ALPHAT ( 2 ) = -4.260      BETAT ( 4 ) = 4.100  
SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP  
TAP NO    501.0000502.0000801.0000802.0000803.0000804.0000

.000    -0.2937    -0.3286    -0.2838    -0.3042    -0.3106    -0.3373



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RBIY9D)

ET + SRM BASE

ARC:1-716 IA14 01+12+512M25

ALPHAT ( 8 ) = -4.270 BETAT ( 5 ) = 9.170

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3211 -.3654 -.2677 -.2677 -.2736 -.3039

ALPHAT ( 3 ) = -.350 BETAT ( 1 ) = -8.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3065 -.3912 -.2996 -.3296 -.3333 -.3637

ALPHAT ( 3 ) = -.530 BETAT ( 2 ) = -4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2821 -.3421 -.2784 -.2920 -.2930 -.3445

ALPHAT ( 3 ) = -.520 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2744 -.3008 -.2726 -.3075 -.3072 -.3390

ALPHAT ( 3 ) = -.520 BETAT ( 4 ) = 4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2799 -.3264 -.2921 -.3325 -.3188 -.3525

ALPHAT ( 3 ) = -.540 BETAT ( 5 ) = 8.180

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.3578 -.3769 -.2661 -.2669 -.2786 -.3189

ALPHAT ( 4 ) = 3.970 BETAT ( 1 ) = -8.220

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2899 -.3897 -.3375 -.3503 -.3522 -.3801

ALPHAT ( 4 ) = 3.980 BETAT ( 2 ) = -4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2682 -.3321 -.3052 -.3252 -.3268 -.3623

ALPHAT ( 4 ) = 4.030 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2591 -.2974 -.2792 -.3024 -.3021 -.3397

ALPHAT ( 4 ) = 4.020 BETAT ( 4 ) = 4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2656 -.3074 -.3004 -.3394 -.3330 -.3645



DATE 08 JAN 75 TABULATED PRESSURE DATA - 1414A - VOL. 10

(R81Y50)

ET \* SRM BASE

ARC11-716 1414 D1+712+512M25

ALPHAT ( 4 ) = 4.080 BETAT ( 5 ) = 8.250

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2894 -.3397 -.2759 -.3143 -.3025 -.3415

ALPHAT ( 5 ) = 8.190 BETAT ( 1 ) = -6.190

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2739 -.3637 -.3606 -.3681 -.3547 -.3938

ALPHAT ( 5 ) = 8.100 BETAT ( 2 ) = -4.370

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2474 -.3330 -.3360 -.3383 -.3468 -.3891

ALPHAT ( 5 ) = 9.010 BETAT ( 3 ) = .010

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2504 -.2750 -.3082 -.3368 -.3296 -.3702

ALPHAT ( 5 ) = 8.100 BETAT ( 4 ) = 4.160

SECTION ( 1 ) ET \* SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2456 -.3100 -.3210 -.3581 -.3554 -.3735

DATE 30 JAN 75      TABULATED PRESSURE DATA - IAI14A - VOL. 10

(RB1150)

ET + SRM BASE

ARC11-710 IAI4 01+712+512Z5

ALPHAT ( S ) =    0.080    BETAT ( S ) =    0.310

SECTION ( 1 ) ET + SRM BASE      DEPENDENT VARIABLE CP

TA<sup>2</sup> \* Q    901.0000322.0000801.0000802.0000803.0000804.0000

.000    -.2783    -.3231    .2974    -.3326    -.3299    -.3577



APC11-716 1A14 31-112+512425 ET + SRM BASE

REFERENCE DATA

REF # 2.421 56.11 4058 # 29.4614 1000000  
 REF # 13.703 1000000 4058 # 29.4614 1000000  
 REF # 38.719 1000000 4058 # 29.4614 1000000  
 REF # 100.000 1000000 4058 # 29.4614 1000000

ALPHA ( 1 ) # -0.500 BETA ( 1 ) # -0.242

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CF

TAP NO 901.0000002 0.0000000 2.0000000 0.0000000

.000 -0.3072 -0.3759 -0.2425 -0.2073 -0.3133 -0.3280

ALPHA ( 1 ) # -0.460 BETA ( 1 ) # -0.117

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CF

TAP NO 901.0000002 0.0000000 2.0000000 0.0000000

.000 -0.2945 -0.3547 -0.3112 -0.3280 -0.2957 -0.3093

ALPHA ( 1 ) # -0.440 BETA ( 1 ) # -0.017

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CF

TAP NO 901.0000002 0.0000001 0.0000002 0.0000003 0.0000004 0.0000

.000 -0.2865 -0.3334 -0.3009 -0.3238 -0.3426 -0.3657

ALPHA ( 1 ) # -0.550 BETA ( 4 ) # 4.112

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CF

TAP NO 901.0000002 0.0000001 0.0000002 0.0000003 0.0000004 0.0000

.000 -0.2842 -0.3180 -0.2830 -0.2906 -0.3101 -0.3238

PARAMETRIC DATA

ALPHA ( 1 ) # 0.000 ELEVATION # 0.000  
 BETA ( 1 ) # 0.000 SLOPE # 0.000

DATE 08 JAN 73 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(R81751)

ET + SR4 BASE

ARC11-716 1A14 01+718+81R25

ALPHA (1) = -0.980 BETAY (1) = 0.260

SECTION (1) ET + SR4 BASE DEPENDENT VARIABLE CP

TAP NO 501 0000002.0000001.0000000.0000003.0000004.0000

COOL -0.3100 -0.3159 -0.2643 -0.2669 -0.2703 -0.2901

ALPHA (2) = -4.110 BETAY (2) = -0.220

SECTION (2) ET + SR4 BASE DEPENDENT VARIABLE CP

TAP NO 501 0000002.0000001.0000002.0000003.0000004.0000

COOL -0.2956 -0.3612 -0.2950 -0.3136 -0.3302 -0.3380

ALPHA (2) = -4.350 BETAY (2) = -4.110

SECTION (3) ET + SR4 BASE DEPENDENT VARIABLE CP

TAP NO 501 0000002.0000001.0000002.0000003.0000004.0000

COOL -0.2878 -0.3244 -0.2930 -0.3154 -0.3357 -0.3472

ALPHA (2) = -4.190 BETAY (3) = 0.010

SECTION (4) ET + SR4 BASE DEPENDENT VARIABLE CP

TAP NO 501 0000002.0000001.0000002.0000003.0000004.0000

COOL -0.2719 -0.3047 -0.2848 -0.3136 -0.3254 -0.3395

ALPHA (2) = -4.320 BETAY (4) = 4.100

SECTION (5) ET + SR4 BASE DEPENDENT VARIABLE CP

TAP NO 501 0000002.0000001.0000002.0000003.0000004.0000

COOL -0.2711 -0.3044 -0.2619 -0.2917 -0.2947 -0.3134



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(R01Y51)

ET + SRM BASE

ARC11-716 IAI4 01+12+512N25

ALPHAT ( 2 ) = -4.370 BETAT ( 5 ) = 0.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000002 0000001.0000002 0000003 0000004 0000

.000 -0.2017 -0.3448 -0.2399 -0.2604 -0.2611 -0.2817

ALPHAT ( 3 ) = -0.580 BETAT ( 1 ) = -0.280

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000002 0000001.0000002 0000003 0000004 0000

.000 -0.2747 -0.3729 -0.3206 -0.3336 -0.3458 -0.3573

ALPHAT ( 3 ) = -0.573 BETAT ( 2 ) = -4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000002 0000001.0000002 0000003 0000004 0000

.000 -0.2672 -0.5202 -0.3191 -0.3270 -0.3381 -0.3512

ALPHAT ( 3 ) = -0.560 BETAT ( 3 ) = .000

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000002 0000001.0000002 0000003 0000004 0000

.000 -0.2584 -0.2951 -0.2925 -0.3194 -0.3332 -0.3401

ALPHAT ( 3 ) = -0.970 BETAT ( 4 ) = 4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000002 0000001.0000002 0000003 0000004 0000

.000 -0.2632 -0.2943 -0.2820 -0.3010 -0.2976 -0.3183

ARC11-716 IA14 01+T12+12N25

ALPHAT ( 3 ) = -.580 BETAT ( 5 ) = 8.220

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.0717 -.3069 -.2367 -.2730 -.264 -.2959

ALPHAT ( 4 ) = 4.090 BETAT ( 1 ) = -6.230

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2977 -.3699 -.3375 -.3667 -.3637 -.3830

ALPHAT ( 4 ) = 4.110 BETAT ( 2 ) = -4.040

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2489 -.3876 -.3425 -.3574 -.3471 -.3700

ALPHAT ( 4 ) = 4.110 BETAT ( 3 ) = .340

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2425 -.2842 -.2995 -.3318 -.3166 -.3491

ALPHAT ( 4 ) = 4.090 BETAT ( 4 ) = 4.110

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2493 -.2784 -.2736 -.3238 -.3192 -.3420



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R81751)

ET + SRM BASE

ARC11-716 IA14 OI+T12+312N25

ALPHAT ( 4 ) = 4.080 BETAT ( 5 ) = 8.280

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2554 -.3069 -.2494 -.2927 -.2842 -.3102

ALPHAT ( 5 ) = 8.150 BETAT ( 1 ) = -8.280

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2408 -.3385 -.3522 -.3713 -.3566 -.3862

ALPHAT ( 5 ) = 8.170 BETAT ( 2 ) = -4.100

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2345 -.3058 -.3449 -.3753 -.3562 -.3869

ALPHAT ( 5 ) = 8.180 BETAT ( 3 ) = .010

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2062 -.2503 -.3197 -.3555 -.3415 -.3688

ALPHAT ( 5 ) = 8.160 BETAT ( 4 ) = 4.200

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CP

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2313 -.2715 -.2954 -.3358 -.3312 -.3471

DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

(RBIY51) ET + SRM BASE

ARC11-716 IAI14 01+T12+S12N25

ALPHAT ( 5 ) = 0.150 BETAT ( 5 ) = 0.400

SECTION ( 1 ) ET + SRM BASE DEPENDENT VARIABLE CF

TAP NO 501.0000502.0000801.0000802.0000803.0000804.0000

.000 -.2378 -.2842 -.2615 -.3054 -.2946 -.3135







(R01117)

ARC11-716 IA1A 01\*112\*912N85\*AT11 ORB ATTACH PTS

MACH ( 1 ) = .098 ALPHA( 3 ) = -.220

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0560

Y/BW  
 -.081 -.4963  
 .000 -.5426

MACH ( 1 ) = .098 ALPHA( 4 ) = 3.630

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.276  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.081  
 .000 .1740 .3239 .5000 .6900 .8948  
 .1162 -.3624 -.9947 -.8422  
 .2390 -.6960 -1.1560 -.8529  
 .3023 .5251 .7235 -1.2460 -.6639 -.7622  
 .0000 .0000 .0000 .0000 .0000 .0000  
 -.1221 .0000 .0000 .0000 .0000 .0000 .0000  
 -.0652 .0000 .0000 .0000 .0000 .0000 .0000  
 .0000 .1688 -.1861 .3104  
 .1584 .0000 .1792 .1285 -.2368 -.3112  
 .0000 -.0610 .1894 .0426 -.2998  
 -.2098 .1223 -.0190 -.0827  
 .0346 .0517 -.1730 -.6984 -.3280  
 .0092 .0041 -.2189 -.6555 -.3702  
 -.0181 -.0610 -.2601 -.5327 -.3627  
 -.0491 -.1081 -.2432 -.4409 -.6021  
 -.0594 -.1290 -.1990 -.3831 -.6163  
 -.3402  
 -.3280

X/LB .0560

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000 .1740 .3239 .5000 .6900 .8948  
 .1162 -.3624 -.9947 -.8422  
 .2390 -.6960 -1.1560 -.8529  
 .3023 .5251 .7235 -1.2460 -.6639 -.7622  
 .0000 .0000 .0000 .0000 .0000 .0000  
 -.1221 .0000 .0000 .0000 .0000 .0000 .0000  
 -.0652 .0000 .0000 .0000 .0000 .0000 .0000  
 .0000 .1688 -.1861 .3104  
 .1584 .0000 .1792 .1285 -.2368 -.3112  
 .0000 -.0610 .1894 .0426 -.2998  
 -.2098 .1223 -.0190 -.0827  
 .0346 .0517 -.1730 -.6984 -.3280  
 .0092 .0041 -.2189 -.6555 -.3702  
 -.0181 -.0610 -.2601 -.5327 -.3627  
 -.0491 -.1081 -.2432 -.4409 -.6021  
 -.0594 -.1290 -.1990 -.3831 -.6163  
 -.3402  
 -.3280

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(RB1117)

ARC11-716 IA14 O1+T1E+S12M25+AT11 ORB ATTACH PTS

MACH ( 1 ) = .888 ALPHA( 5 ) = 0.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877
Y/BW	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236
Y/BW	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234
Y/BW	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192
Y/BW	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170
Y/BW	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149
Y/BW	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107
Y/BW	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065
Y/BW	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064
Y/BW	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043
Y/BW	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021
Y/BW	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X/LB .8580

Y/BW	-.107	-.4346	-.085	-.4137	-.064	-.4728	-.043	-.5153	-.021	-.5601	.000	-.6055
------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	------	--------

MACH ( 2 ) = .977 ALPHA( 1 ) = -7.920

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277	-.277
Y/BW	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236
Y/BW	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234
Y/BW	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213
Y/BW	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192
Y/BW	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170
Y/BW	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149
Y/BW	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107
Y/BW	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065	-.065
Y/BW	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064
Y/BW	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043
Y/BW	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021
Y/BW	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X/LB .8580



ARC11-716 IA14 OL+T12+S12N25+AT11 ORB ATTACH PTS (R81117)

MACH ( 2 ) = .977 ALPHA( 1 ) = -7.920

SECTION ( 1 ): ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.6560
.107	-.9417	
.085	-.4991	
.064	-.3839	
.043	-.7347	
.021	-.8497	
.000	-.8245	

MACH ( 2 ) = .976 ALPHA( 2 ) = -3.860

SECTION ( 1 ): ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.277	-.277															
.256	-.256															
.234	-.234															
.213	-.213								.1438							
.192	-.192															
.170	-.170															
.149	-.149															
.107	-.107															
.085	-.085															
.064	-.064															
.043	-.043															
.021	-.021															
.000	-.000															
.2494	.3441															
.3787	.3787															
.3393	.3787															
.2198	.2198															
.2177	.3383															
.7063	.3383															
-.9742	.7848															
-1.0710	.0000															
-.9911	.0000															
-.9519	.0000															
.6580	.6580															
.5082	.5082															
.4738	.085															
.5431	.064															
.6881	.043															
.75	.021															
.47	.000															

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(R01117)

ARC11-716 IAI4 01+712+51285+AT11 ORB ATTACH PTS

MACH ( 2 ) = .977 ALPHA( 3 ) = .090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277								.1776	.0481	-.0252	-.0805	-.2104	-.3790	
	-.236								.1995	.2543	-.0625	-.0871	-.2173	-.4351	
	-.234								.1525	.0000	-.1910	-.1451	-.1725	-.4155	
	-.213							.1656			.2673	.1701	-.2017	-.3077	
	-.192									.1171	.1045	.1337	.0109	-.3030	
	-.170										.0925	.1244	.0019	-.1551	
	-.149														-.5794
	-.107										.0672	.0826	-.1242	-.7155	-.5483
	-.085										.0455	.0407	-.1635	-.6504	-.5896
	-.064										.0188	-.0152	-.2114	-.5053	-.9827
	-.043														-.5934
	-.021														-.5897
	.000														-.6069
	.1980														-.3232
X/LB	.8580														

MACH ( 2 ) = .973 ALPHA( 4 ) = 4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277								.1960	.0632	-.0125	-.0716	-.1987	-.3705	
	-.236								.1726	.1726	-.0526	-.0824	-.2153	-.4373	
	-.234								.2677	.2677	-.1782	-.1419	-.1622	-.4259	
	-.213							.1824	.1606	.1606	.2641	.1628	-.2120	-.3058	
	-.192								.1184	.1184	.1107	.1297	.0017	-.3033	
	-.170										.0946	.1258	-.0052	-.1702	
	-.149														-.5680
	-.107										.0605	.0746	-.1382	-.7028	-.5362
	-.085										.0424	.0333	-.1737	-.6439	-.5783
	-.064										.0124	-.0194	-.2161	-.5066	-.9742
	-.043										-.0116	-.0701	-.1973	-.3871	-.5781
	-.021										-.0213	-.0629	-.1454	-.3293	-.5858
	.000														-.6069
X/LB	.8580														



DATE 09 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB11117)

ARC11-716 IA14 01\*118\*51285\*AT11 ORB ATTACH PTS

MACH ( 2 ) = .973 ALPHA( 4 ) = 4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/BW
-.107
-.083
-.064
-.043
-.021
.000

MACH ( 2 ) = .977 ALPHA( 5 ) = 8.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.127
-.085
-.064
-.043
-.021
.000

.0817	.1993	.2182	.2006	.2319	.1765	.1375	.1381	.1115	.1779	-.1851	-.2911
-.0061	-.0537	-.0847	-.1861	-.3546	-.4401	-.4269	-.1704	-.1510	-.1652	-.4269	-.4269
.0932	.1045	-.1155	-.6960	-.9306	-.7041	-.7046	.0724	.0602	-.1521	-.8354	-.5756
.0451	.0065	-.1862	-.4800	-.5597	-.5597	-.5525	-.0172	-.0361	-.1653	-.3639	-.5525
.0116	-.0553	-.1213	-.3070	-.3360	-.3360	-.3360	-.0116	-.0553	-.1213	-.3070	-.3360

X/LB .6500

Y/BW
-.107
-.083
-.064
-.043
-.021
.000



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAIKA - VOL. 10

(RB1117)

ARC11-716 IAI4 01-112-S12N25\*AT11 ORB ATTACH PTS

MACH ( 3 ) = 1.101 ALPHA( 2 ) = -3.890

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BW

-.107 -.4871

-.083 -.4259

-.064 -.4483

-.043 -.5493

-.021 -.6490

.000 -.5988

MACH ( 3 ) = 1.103 ALPHA( 3 ) = .090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.236	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.3493	.5168
	.1095	.1925	.3097	.0000	.2017	.2011	.2395	.1445	-.0536	-.5231	.1908	.2285	.0612	-.5789	-.5297
	.0442	-.0004	-.0289	-.1405	-.3476	.1734	.1693	.0184	-.5169	-.5549	-.1734	.1693	.0184	-.5169	-.5549
	.2272	.2543	.2220	.2231	.2231	.2231	.2231	.2231	.2231	.2231	.2231	.2231	.2231	.2231	.2231
	.3638	-.0243	-.4877	-.6855	.4508	.4773	-.2862	-.7722	-.6914	.4912	.6912	-.8413	-.7322	-.7074	.0000
	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

X/LB .8500

Y/BW

-.107 -.4722

-.083 -.4148

-.064 -.4458

-.043 -.5303

-.021 -.6373

.000 -.6003

(R01117)

ARC11-716 IAI4 01-T12-S12MS+AT11 ORB ATTACH PTS

MACH ( 3 ) = 1.100 ALPHA( 4 ) = 4.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
T/BW															
- .277											.0701	.0199	-.0867	-.2468	
- .236									.1462		-.0301	.0017	-.1164	-.3313	
- .234									.2395		-.0773	-.0485	-.0777	-.3243	
- .213								.2487			.3480				
- .192									.2774		.0500	.1924	.2535	-.0740	-.1793
- .170									.2353		.2072	.2318	.1164	-.2073	
- .148										.2093	.2032	.2411	.1277	-.0704	-.3101
- .107											.1827	.2112	.0338	-.5765	-.4859
- .085											.1661	.1764	-.0033	-.5093	-.5328
- .064											.1381	.1222	-.0523	-.3600	-.4782
- .043											.1107	.0737	-.0433	-.2461	-.4008
- .021											.0971	.0513	.0016	-.1766	-.3785
- .003															

X/LB .8500

T/BW

- .107	-.4693
- .085	-.4132
- .064	-.4421
- .043	-.5279
- .021	-.6253
- .003	-.5930

MACH ( 3 ) = 1.098 ALPHA( 3 ) = 6.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
T/BW															
- .277											.0992	.0464	-.0372	-.2190	
- .236									.1033		.0599	.0303	-.0927	-.3095	
- .234									.2988		.2902	-.0355	-.0413	-.2990	
- .213								.2808			.3623	.3605			
- .192									.3088		.0000	.1928	.2576	-.0793	-.1814
- .170									.2582		.2260	.2209	.2369	.1126	-.2141
- .148										.2144	.2399	.2399	.1196	-.0901	-.3027
- .107											.1888	.2033	.0172	-.5820	-.4716
- .085											.1704	.1678	-.0142	-.4929	-.4983
- .064											.1434	.1197	-.0343	-.3 56	-.4470
- .043											.1244	.0763	-.0368	-.2334	-.3849
- .021											.1124	.0457	-.0213	-.1709	-.3523
- .003															

X/LB .8100



DATE OF JAN 75 FABULATED PRESSURE DATA - IAI14A - VOL. 10

(RB11:7)

ASC11-716 IAI14 C1+112+SIEM23+AT11 ORB ATTACH PTS

MACH ( 3 ) = 1.199 ALPHA( 5 ) = 0.020

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .4380

V/CM  
 -1.107 -1.398  
 -1.089 -1.435  
 -1.064 -1.438  
 -1.043 -1.5102  
 -1.021 -1.6115  
 -1.000 -1.5770

MACH ( 4 ) = 1.848 ALPHA( 1 ) = -7.940

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

V/CM  
 - .277  
 - .256  
 - .234  
 - .213  
 - .192  
 - .170  
 - .149  
 - .107  
 - .085  
 - .064  
 - .043  
 - .021  
 .000  
 .2046  
 .2562  
 .2702  
 .2358  
 .0463  
 .1602  
 .3525  
 .0000  
 .2549  
 -.0609  
 -.1454  
 -.2194  
 -.2194  
 -.4560  
 .2149  
 .2826  
 .2851  
 .3034  
 .2803  
 .2621  
 .244  
 .2167  
 -.0939  
 -.1473  
 -.2134  
 -.2122  
 .3387  
 .3323  
 .3349  
 .3640  
 .3287  
 .2804  
 .2259  
 .2065  
 -.1804  
 -.1802  
 -.1227  
 .1191  
 .2630  
 .8976  
 .2530  
 .2039  
 .1471  
 .1477  
 .1811  
 -.3010  
 -.3168  
 -.2904  
 -.0793  
 -.1231  
 .0499  
 -.4107  
 -.4338  
 -.4353  
 -.3004  
 -.2287  
 -.0307  
 -.2150

K/LB .6580

V/CM  
 -1.107 -1.4348  
 -1.089 -1.3018  
 -1.055 -1.8930  
 -1.043 -1.4086  
 -1.021 -1.6454  
 -1.000 -1.3959

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 OI+TI2+SI2N25\*AT11 ORG ATTACH PTS

(RB11117)

MACH ( 4 ) = 1.246 ALPHA( 2 ) = -3.040

SECTION ( 1 ) ORG. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277										.0022	-.0362	-.1289	-.2531	
	-.256									.0754	-.0483	-.0649	-.1303	-.2837	
	-.234							.2121	.1728	-.1520	-.1259	-.0907	-.2744		
	-.213							.2610	.3270	.4109	.5147	.0750	-.0631		
	-.192							.2371	.0000	.2445	.3047	.2183	-.1253		
	-.170								.2427	.2663	.3176	.2556	.0389		
	-.149														-.3967
	-.107									.2807	.3355	.2120	-.3863	-.4396	
	-.085									.2699	.3095	.1834	.3326	-.4327	
	-.064									.2458	.2588	.267	.1978	.3269	
	-.043									.2207	.2099	.1262	-.0919	-.2336	
	-.021									.2071	.1887	.1639	-.0075	-.2243	
	.000														

X/LB .8580

Y/BW
-.107
-.4126
-.085
-.3088
-.064
-.2992
-.043
-.4057
-.021
-.4581
.000
-.4049

MACH ( 4 ) = 1.244 ALPHA( 3 ) = .050

SECTION ( 1 ) ORG. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277										.0691	.0297	-.0617	-.1963	
	-.256									.1273	.0274	.0058	-.0796	-.2508	
	-.234							.2448	.2086	-.0734	-.0490	-.0527	-.2492		
	-.213							.2855	.3415	.3955	.2458	.3088	.0566	-.0717	
	-.192							.2553	.0000	.2458	.2660	.2977	.2046	-.1130	
	-.170								.2494	.2630	.3043	.2245	.0378		
	-.149														-.3859
	-.107									.2742	.3175	.1867	-.3999	-.4290	
	-.085									.2609	.2888	.1578	-.3315	-.4245	
	-.064									.2354	.2446	.1028	-.2164	-.3436	
	-.043									.2084	.1902	.1060	-.1222	-.2323	
	-.021									.1927	.1671	.1308	-.0511	-.2130	
	.000														

X/LB .8580



TABULATED PRESSURE DATA - IA14A - VOL. 10

DATE 09 JAN 75

(RB11117)

ARC11-716 IA14 01+T12+S12N25+AT11 ORB ATTACH PTS

MACH ( 4 ) = 1.244 ALPHA( 3 ) = .050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BW
-.107
-.3986
-.085
-.5119
-.064
-.2958
-.043
-.3823
-.021
-.4000
.000
-.4100

MACH ( 4 ) = 1.249 ALPHA( 4 ) = 4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW	.1035	.0645	-.0216	-.1538
-.277	.0611	.0379	-.0465	-.2252
-.256	-.0364	-.0153	-.0150	-.2168
-.234	.2886	.2563	.4203	
-.213	.3161	.3643	.2756	.3285
-.192	.2902	.0000	.2963	.3283
-.170	.2841	.2809	.2958	.3315
-.149				.2471
-.107				.0523
-.085				-.3695
-.064				-.4001
-.043	.4491	.1145	-.2873	-.3824
-.02	.5487	-.1104	-.3703	-.3000
.000	.9062	.6333	-.6009	-.4048
.000	.9529	.7355	-.5192	-.3295
.000	.9873	.0000	-.3714	-.0997
.000	.9951	.0000	.0000	.1170
.000	.9980	.0000	.0000	.2040
.000	.4033			.1828
.3073				.1410
.2826				-.0393
.3611				
.4417				
.5933				

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(R01117)

ARC11-716 1A14 01+T12+S12M25+AT11 ORB ATTACH PTS

MACH ( 4 ) = 1.249 ALPHA( 5 ) = 7.930

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277									.1166	.0769	-.0131	-.1470		
	-.256							.1972	-.376	-.0206	-.0136	.0000	-.2070		
	-.234							.3190	.4298	.4298					
	-.213							.3106	.4017	.4017	.3371	.0631	-.0344		
	-.192							.3057	.3000	.2781	.3282	.2234	-.0932		
	-.170							.2927		.3015	.3363	.2407	.0344		
	-.149									.3043					
	-.107									.3041	.3348	.1863	-.3712	-.3603	
	-.065									.2898	.3101	.1635	-.3123	-.3738	
	-.064							.4361	.1140	-.2863	-.5110				
	-.043							.5401	-.0912	-.5586	-.6218				
	-.021							.4537	.5979	-.5401	-.0912	-.5586	-.6218		
	.000							-.108	.6864	.8885	-.6123	-.5789	-.5866		
								.3852	.5489	.0000	.0000	.0000	-.5475		

X/LB .8360

Y/BW
-.107
-.4000
-.3023
-.2743
-.3455
-.4264
-.3754



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-716 IAI4 01+T12+S12N25+AT11 ORB ATTACH PTS (RB11118) ( 02 OCT 73 )

REFERENCE DATA

SREF = 2.4210 30.FT. YMRP = 29.5800 INCHES ALPHAC = .000 ELEVCM = .000  
REF = 38.7090 INCHES YMRP = .0000 INCHES RJDOPR = .000 SPOBRK = .000  
BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

MACH ( 1 ) = .898 BETA0 ( 1 ) = -0.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1100 .1160 .1250 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

Table with 16 columns of Y/BW values ranging from -0.277 to -0.4584.

X/LB .8360

Y/BW

Table with 16 columns of Y/BW values ranging from -0.107 to -0.7343.

MACH ( 1 ) = .898 BETA0 ( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1100 .1160 .1250 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

Table with 16 columns of Y/BW values ranging from -0.277 to -0.149.

ORIGINAL PAPER OF HIGH QUALITY

DATE 06 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC11-716 1A14 01+712+312N25+AT11 ORB ATTACH PTS

(R81118)

MACH ( 1 ) = .696 BETAD ( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.107											.2227	.2832	.0622	-.7390	-.5613
-.085											.1835	.2318	.0269	-.6434	-.7190
-.064											.1425	.1462	-.0278	-.4315	-.7058
-.043											.0962	.0716	-.0345	-.2943	-.6474
-.021											.0728	.0351	-.0139	-.2219	-.5710
.000															-.5388

X/LB .8580

Y/BW

-1.107	-.5393
-.085	-1.4759
-.064	-1.6005
-.043	-1.7415
-.021	-1.8066
.000	-1.7422

MACH ( 1 ) = .697 BETAD ( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											-.0902	.0000	.0000	.0000	.0000
-.256											.0000	.0000	.0000	.0000	.0000
-.234											.0000	.0000	.0000	.0000	.0000
-.213											.2908	.1210	-.2376	-.3071	
-.192											.1587	.1587	-.0401	-.2796	
-.170											-.0626	.1587	-.0401	-.2796	
-.149											-.2063	.1094	-.0195	-.0714	
-.107															-.5529
-.085											.0235	.0394	-.1868	-.6892	-.9301
-.064											-.0037	-.0122	-.2251	-.6460	-.9643
-.043											-.0373	-.0753	-.2751	-.5254	-.9715
-.021											-.0551	-.1259	-.2564	-.4363	-.5965
.000											-.0776	-.1467	-.2056	-.3833	-.6060

X/LB .9580

Y/BW

-1.107	-1.4227
-.085	-1.6093
-.064	-1.4527
-.043	-1.4745



ARC11-716 1A14 01-T12+S12N25+AT11 ORB ATTACH PTS (RB1110)

MACH ( 1 ) = .697 BETAD ( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8500
Y/BW	
	-.081
	-.5164
	.000
	-.5826

MACH ( 1 ) = .698 BETAD ( 4 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877										.0677	.0000	.0000	.0000	
	-.236									-.0210	.0000	.0000	.0000	.0000	
	-.234								.0000	.0000	.0000	.0000	.0000	.0000	
	-.213						.2608		.3211	-.2106	.6145				
	-.192								.3174	.0000	.3520	.2646	-.1416	-.2119	
	-.170								.0000	.0000	.0133	.3326	-.1249	-.3009	
	-.149									.0000	-.2452	.2928	.1980	-.0492	
	-.107														-.4852
	-.085										.1176	.1778	-.0830	-.7917	-.4803
	-.064							.2004		-.2213	-.7510	-1.0100			
	-.043							.3464	.4107	-.5401	-1.1080	-.8605			
	-.021							.2775	.5255	.8450	-1.0930	-.8431	-.6945		
	.000							.2872	.0000	.0000	.0000	-.0000	-.6728		

X/LB .8500

Y/BW	
	-.107
	-.4878
	-.085
	-.4821
	-.064
	-.4430
	-.043
	-.4574
	-.021
	-.5211
	.000
	-.6428





DATE 09 JAN 75      TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB11110)

ARCI: -716 IA14 01+T18+S12N25+AT11 ORB ATTACH FIS

MACH ( 2 ) = .978      BETA ( 1 ) = -0.050

SECTION ( 1 ) ORB. ATTACH POINTS      DEPENDENT VARIABLE CP

X/LB      .0580

Y/BW  
 -.107      -.6202  
 -.085      -.4936  
 -.064      -.3792  
 -.043      -.2837  
 -.021      -.1747  
 .000      -.0758

MACH ( 2 ) = .976      BETA ( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS      DEPENDENT VARIABLE CP

X/LB      .0870      .0930      .1020      .1100      .1180      .1260      .1330      .7800      .7960      .8040      .8110      .8190      .8270      .8350      .8500

Y/BW  
 -.877  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

.2187  
 .3312  
 .3172  
 .4369  
 .0000  
 .3478

.1331  
 -.1264  
 -.1319  
 -.4971  
 -.4344  
 -.2610  
 -.4614

.7298  
 .3548  
 .3885  
 .3388  
 .4026  
 .2953  
 .0753

-.2395      -.3270      -.3906      -.4772  
 -.3815      -.4831      -.5138      -.5923  
 -.4344      -.2610      -.4614

.2725      .3287      .1374      -.6272      -.5239  
 .2349      .2858      .1033      -.5280      -.6355  
 .1939      .2093      .0523      -.3381      -.3869  
 .1509      .1376      .0471      -.1927      -.5225  
 .1345      .1016      .0579      -.1360      -.4482

.3349      .4275      2006      -.6677      -1.0750      -.8619  
 .3723      .5825      .5770      -1.1570      -1.0420      -.8763  
 .8431      .5717      .0000      .0000      .0000      -.9244

X/LB      .0580

Y/BW  
 -.107      -.5980  
 -.085      -.5247  
 -.064      -.3960  
 -.043      -.2657  
 -.021      -.1790  
 .000      -.0756

(RG1118)

ARC11-716 IA14 01+T12+S12E23+AT11 ORB ATTACH PTS

MACH ( 8 ) = 7. BETAO ( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
-1.877															
-1.256								.0325							
-1.234								.1298							
-1.213								.1606							
-1.192								.1947							
-1.170								.1477							
-1.149															
-1.107								.1560							
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															
K/LB															
Y/BA															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															
K/LB															

MACH ( 8 ) = .976 BETAO ( 4 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
-1.877															
-1.256															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															
K/LB															
Y/BA															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															
K/LB															

MACH ( 8 ) = .976 BETAO ( 4 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
-1.877															
-1.256															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															
K/LB															





ARC11-716 1A14 01+T12+SIEN25+AT11 ORB ATTACH PTS (881118)

MACH ( 3 ) = 1.102 BETAO ( 1 ) = -8.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.173														
	-.149														
	-.107														
	-.095														
	-.064														
	-.043														
	-.021														
	.000														
K/LB	.0580														
Y/BW	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
K/LB	.0580														
Y/BW	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														

MACH ( 3 ) = 1.100 BETAO ( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.095														
	-.064														
	-.043														
	-.021														
	.000														
K/LB	.0580														
Y/BW	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
K/LB	.0580														
Y/BW	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														

MACH ( 3 ) = 1.100 BETAO ( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.095														
	-.064														
	-.043														
	-.021														
	.000														
K/LB	.0580														
Y/BW	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-716 IAI14 01+712+512N23+AT11 ORG ATTACH PTS (RB11110)

MACH ( 3 ) = 1.100 BETAS ( 2 ) = -4.010

SECTION ( 1 ) ORG. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/BW  
-.107 -.3440  
-.085 -.3931  
-.064 -.4198  
-.043 -.5917  
-.021 -.8104  
.000 -.8261

MACH ( 3 ) = 1.102 BETAS ( 3 ) = .030

SECTION ( 1 ) ORG. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1160 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.877  
-.236  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000

.0173 -.0317 -.1400 -.2937  
-.0299 -.0545 -.1561 -.3538  
-.1555 -.1178 -.1166 -.3450  
.2186  
.2626  
.2268  
.2198  
.0000  
.2134 .2008 -.0300 -.1648  
.2262 .2647 .1512 -.2093  
.2205 .2706 .1727 -.0472  
-.5800  
.2742 .2442 .0769 -.5762 -.5311  
.1829 .2101 .0348 -.5095 -.5347  
.1524 .1468 -.0244 -.3373 -.4903  
.1257 .0699 -.0187 -.2408 -.4039  
.1565 .0692 .0172 -.1640 -.3931

X/LB .0500

Y/BW  
-.107 -.4872  
-.085 -.4813  
-.064 -.4465  
-.043 -.5360  
-.021 -.6421  
.000 -.6003

ARC11-716 IA14 OL+TIE+SIEMES+ATI: ORB ATTACH PTS (RB1118)

MACH ( 3 ) = 1.100 BETA0 ( 4 ) = 4.080

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/L	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW															
-107											.2725	.2193	.1042	-.0927	
-256										.4575	.2165	.1001	.0786	-.1971	
-234								.6299	.6845		.0956	.0106	.1706	-.1320	
-213							.5301	.6027	.7251		.6843				
-192								.4524	.0900		.3272	.4250	.1080	.0064	
-170									.3698		.3654	.3949	.3191	-.1152	
-149											.3449	.4203	.3791	.0755	
-107											.2566	.3078	.1070	-.6106	-.7202
-264											.2245	.2329	.0229	-.6189	-.6407
-243				.4390	.6111	.4472	-.1070	-.3366	-.3967		.1631	.1396	-.1138	-.5893	-.4736
-321				.4671	.7088	.9970	-.0006	-.7294	-.6886		.1064	.0435	-.1599	-.3228	-.2379
.000		.3820	.4823	.0000	.0000	.0000	-.7052				.0666	.0102	-.0605	-.2752	-.2873

K/L

V/BW

-107	-.5307
-256	-.4918
-234	-.3650
-213	-.4303
-192	-.4892
-170	-.5275

MACH ( 3 ) = 1.100 BETA0 ( 4 ) = 6.130

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/L	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW															
-277											.4031	.3475	.2231	-.0012	
-256										.5694	.3374	.3390	.2054	-.1051	
-234								.7200	.7846		.2759	.1842	.2650	-.0785	
-213							.6006	.6644	.7741		.6605				
-192								.4979	.0900		.3938	.5224	.0697	.0299	
-170									.4028		.3923	.3664	.2692	-.1349	
-149											.3210	.3787	.3982	.2285	
-107											.2356	.3019	.1125	-.5721	-.6497
-264											.2228	.2443	.0424	-.6001	-.6939
-243				.4178	.5846	.4711	-.1710	-.2296	-.3126		.1543	.1440	-.1049	-.6256	-.5558
-321				.4261	.6708	1.2610	-.7381	-.7391	-.6052		.3925	.2227	-.2457	-.6013	-.3499
.000		.8937	.9000	.0000	.0000	.0000	-.6942				.0402	-.0475	-.1905	-.2348	-.1338

K/L

V/BW

-277	-.6497
-256	-.7473
-234	-.6939
-213	-.5558
-192	-.3499
-170	-.1338



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A VOL. 10

ARC11-716 IA14 01+712+512+25+AT11: ORB ATTACH PTS (R011118)

MACH 5.3 1.120 GETAD ( 5 ) E 0.130

SECTION 01 ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0500

V/0  
 -.107 -.5743  
 -.185 -.3365  
 -.064 -.4015  
 -.143 -.4434  
 -.021 -.3579  
 .033 -.4756

MACH 4.1 1.852 GETAD ( 1 ) E -E.080

SECTION 01 ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0500

V/0  
 -.277  
 -.254  
 -.234  
 -.215  
 -.192  
 -.170  
 -.149  
 -.137  
 -.105  
 -.064  
 -.043  
 -.021  
 .000

.0892 .9933 .1120 .1100 .1260 .1330 .7690 .7560 .0540 .0110 .0190 .0270 .0350 .0500  
 -1.695 -.2574 -.2545 -.2741  
 -.3837 -.2459 -.2454 -.1509 -.3000  
 .2404 .0736 -.2751 -.1645 -.1942 -.3574  
 .4121 .4716 .6553 1.0220  
 .0000 .5579 .6291 .3445 .1869  
 .5532 .6052 .6268 .5149 .0446  
 .5579 .6179 .5456 .3536  
 .4706 .3357 .4239 -.1711 -.1361  
 .4357 .4965 .3971 -.0879 -.8267  
 .3979 .4368 .3608 .0670 -.1755  
 .3627 .3671 .3363 .1755 -.1229  
 .3462 .3561 .3251 .1998 -.0277  
 -.0336

K/LB .0500

V/0  
 -.107 -.3333  
 -.065 -.1867  
 -.064 -.2371  
 -.043 -.3902  
 -.021 -.3904  
 .000 -.2890

ARC11-716 IA14 01+T12+SIENE5+AT11 ORB ATTACH PTS

(R81118)

MACH ( 1 ) = 1.844 BETA0 ( 2 ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .277															
- .256															
- .234															
- .213															
- .192															
- .170															
- .149															
- .107															
- .085															
- .064															
- .043															
- .021															
.000															
X/LB															
.8560															

MACH ( 2 ) = 1.844 BETA0 ( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .107															
- .085															
- .064															
- .043															
- .021															
.000															
X/LB															
.8560															

MACH ( 3 ) = 1.249 BETA0 ( 4 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .277															
- .256															
- .234															
- .213															
- .192															
- .170															
- .149															
- .107															
- .085															
- .064															
- .043															
- .021															
.000															
X/LB															
.8560															



ARC11-716 1A14 01+T12-312R25+AT11 ORB ATTACH PTS  
(RB1118)

MACH ( 4 ) = 1.249 BETA0 ( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8580

Y/BW  
 -.107 -.4081  
 -.085 -.3051  
 -.064 -.2895  
 -.043 -.3824  
 -.021 -.4954  
 .000 -.4047

MACH ( 4 ) = 1.246 BETA0 ( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 .5593  
 .6597  
 .6347  
 .4883  
 .0000  
 .4073  
 .3127  
 .2548  
 .2289  
 .0439  
 .7703  
 .3894  
 .4052  
 .3897  
 .2991  
 .2661  
 .2100  
 .1547  
 .1149  
 .2716  
 .1797  
 .0232  
 .1531  
 -.0745  
 .2406  
 -.0074  
 .4534  
 .2301  
 .1231  
 .4236  
 -.0132  
 .4660  
 .1361  
 -.5331  
 .3374  
 .1573  
 -.4369  
 -.5918  
 .2691  
 .0864  
 -.4491  
 -.5350  
 .1826  
 -.0336  
 -.4566  
 -.4310  
 .0988  
 -.0856  
 -.2931  
 -.2051  
 .0638  
 -.0077  
 -.1974  
 -.1732

K/LB .8580

Y/BW

-.107 -.4698  
 -.085 -.4315  
 -.064 -.3428  
 -.043 -.3199  
 -.021 -.3192  
 .000 -.3846

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TABLATED PRESSURE DATA - IAI14A - VOL. 10

(RB1118)

ARC11-716 IAI14 01+T12+S12N25+AT11 CRB ATTACH PTS

MACH ( 4 ) = 1.246 BETA0 ( 5 ) = 0.150

SECTION ( 1 ) CRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277										.4888	.4104	.3180	.1331		
-.258							.6217			.4029	.3891	.2925	.0357		
-.234						.7654	.8332			.3428	.2265	.3490	.0696		
-.213						.6438	.8264			.7364		.1977	.1341		
-.192							.0000			.4467	.4541	.4380	.3672	-.0017	
-.170							.4893			.3904	.4469	.4953	.2895		
-.149											.2983	.3626	.2132	-.3853	-.6127
-.107											.2871	.3114	.1507	-.4124	-.5626
-.085						.5781	.3390	-.0521	-.3117						
-.064						.7285	.1563	-.3631	-.5692						
-.043		.4938	.6659							.2299	.2280	.0145	-.4365	-.5138	
-.021		.5097	.7489	1.1060	-.5819	-.5607	-.4905			.1619	.1077	-.1285	-.4933	-.4729	
.000		.3597	.5497	.0000	.0000	-.4981				.1018	.0227	-.1232	-.2827	.0035	

X/LB -0560

Y/BW
-.107
-.5003
-.085
-.4979
-.064
-.4708
-.043
-.4231
-.021
-.3164
.000
-.2875



REFERENCE DATA  
 SREF = 2.4210 30.FT. XMRP = 29.5800 INCHES ALPHAD = -10.000 ELEVON = .000  
 LREF = 38.7095 INCHES YMRP = .0000 INCHES RUDDER = .000 SCORRK = .000  
 BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

MACH ( 1 ) = .902 BETAO ( 1 ) = -9.890

PARAMETRIC DATA

SECTION ( 1 ) OR8. ATTACH POINTS	DEPENDENT VARIABLE CP	SECTION ( 1 ) OR8. ATTACH POINTS	DEPENDENT VARIABLE CP
X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500			
Y/BW			
-.277			
-.216			
-.234			
-.213			
-.192			
-.170			
-.149			
-.107			
-.085			
-.064			
-.043			
-.021			
.000			
X/LB .8580			
Y/BW			
-.107			
-.085			
-.064			
-.043			
-.021			
.000			

MACH ( 1 ) = .898	BETAO ( 2 ) = 10.090
SECTION ( 1 ) OR8. ATTACH POINTS	DEPENDENT VARIABLE CP
X/LB .087C .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500	
Y/BW	
-.277	
-.256	
-.234	
-.213	
-.192	
-.170	
-.149	
-.107	
-.085	
-.064	
-.043	
-.021	
.000	

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ARC11-716 IA14 01+T12+312NE5+AT10 ORB ATTACH PTS (RB1124)

MACH ( 1 ) = .899 BETA0 ( 2 ) = 10.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.107															
-.085															
-.084															
-.043															
-.021															
.000															

X/LB .8560

Y/BW
-.107
-.3342
-.085
-.2941
-.064
-.2405
-.043
-.2056
-.021
-.2398
.000
-.5453





ARC11-716 IA14 01\*712\*512N25\*AT10 ORB ATTACH PTS (RB1125)

MACH ( 1 ) = .898 BETA0 ( 2 ) = 10.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.107										.1453	.1787	.0290	-.4657	-.2928
	-.085										.1240	.1351	-.0297	-.3876	-.1648
	-.064										.0918	.0888	-.0667	-.2501	-.1793
	-.043										.0388	.0471	-.0438	-.1568	-.1805
	-.021										.0385	.0236	.0007	-.4188	-.1244
	.000														-.3913
X/LB	.3406	.5581	.0000	.0000	.0000	-.6644									
Y/BW															
	-.107	-.3355													
	-.085	-.2891													
	-.064	-.2277													
	-.043	-.1890													
	-.021	-.2190													
	.000	-.5370													





(R81126)

ARC11-716 1A14 01+712+312M23+AT10 ORB ATTACH PTS

MACH ( 1 ) = .898 BETAC ( 2 ) = 10.070

SECTION ( 3 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.107	-.083	-.064	-.043	-.021	.000	.3344	.5	.1597	.1403	.1087	.0612	.0555	.1926	-.2869
			.3623	.490	.7460	.8535	-.6999	-.6803	-.4135	-.4031	-.4762	-.5403	-.6434	-.0153	-.1758
			-.1903	-.4946	-.4031	-.4762	-.5403	-.6434	-.0153	-.0314	-.1376	-.1038	-.4004	-.4155	-.1794
			.0000	.0000	.0000	.0000	.0000	-.6704	-.3098	-.6803	-.0350	-.1376	.0101	-.3495	-.1693
			.0000	.0000	.0000	.0000	.0000	-.6704	-.3098	-.6803	-.0350	-.1376	.0101	-.3495	-.1693

K/LB .8580

Y/BW	-.107	-.3284	-.085	-.2837	-.064	-.2323	-.043	-.1767	-.021	-.2059	.000	-.3261
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ARC 1-716 IAI14 OI+T12+S12N23+AT10 ORB ATTACH PTS

(RB1128) ( 28 SEP 73 )

REFERENCE DATA

SREF = 8.4810 30.FT. XMRP = 29.5000 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000

MACH ( 1 ) = 1.248 BETA ( 1 ) = -10.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	-.000	.000	.021	.043	.064
-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219
.6551	.8717	.7433	.6149	.5037	.4111	.3320	.2666	.2100	.1615	.1192	.0815	.0485	.0190	-.0071	-.0304	-.0500
.4426	.5043	.5517	.6000	.6461	.6769	.7076	.7344	.7573	.7760	.7900	.8000	.8070	.8110	.8130	.8150	.8160
-.2672	-.1580	-.1020	-.0612	-.0308	-.0152	-.0071	-.0036	-.0018	-.0009	-.0004	-.0002	-.0001	-.0000	.0000	.0000	.0000
-.1712	-.2503	-.3061	-.3381	-.3538	-.3612	-.3640	-.3630	-.3580	-.3490	-.3360	-.3190	-.2980	-.2730	-.2450	-.2140	-.1800

MACH ( 2 ) = 1.245 BETA ( 2 ) = -7.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	-.000	.000	.021	.043	.064
-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219	-.4219
.6551	.8717	.7433	.6149	.5037	.4111	.3320	.2666	.2100	.1615	.1192	.0815	.0485	.0190	-.0071	-.0304	-.0500
.4341	.4908	.5362	.5799	.6180	.6500	.6760	.7000	.7200	.7360	.7490	.7590	.7660	.7700	.7720	.7730	.7740
-.1922	-.1164	-.0750	-.0450	-.0250	-.0125	-.0062	-.0031	-.0015	-.0007	-.0004	-.0002	-.0001	-.0000	.0000	.0000	.0000
-.1215	-.1654	-.2091	-.2420	-.2640	-.2760	-.2790	-.2730	-.2680	-.2540	-.2310	-.2000	-.1620	-.1180	-.0700	-.0190	-.0350



DATE 08 JAN 78 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 OI-T12-SIENS-RATIO CR8 ATTACH PTS (801128)

MACH ( 1 ) = 1.245 BETA0 ( 2 ) = -7.900

SECTION ( 3 ) CR8 ATTACH POINTS	DEPENDENT VARIABLE CP	P/LB	R/LB											
.0570	.0690	.1020	.1100	.1160	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
T/W														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

MACH ( 1 ) = 1.248 BETA0 ( 3 ) = -6.020

SECTION ( 3 ) CR8 ATTACH POINTS	DEPENDENT VARIABLE CP	P/LB	R/LB											
.0577	.0697	.1020	.1100	.1160	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
T/W														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

MACH ( 1 ) = 1.248 BETA0 ( 3 ) = -6.020

SECTION ( 3 ) CR8 ATTACH POINTS	DEPENDENT VARIABLE CP	P/LB	R/LB											
.0577	.0697	.1020	.1100	.1160	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
T/W														
-.277														
-.236														
-.234														
-.213														
-.192														
-.170														
-.148														
-.107														
-.093														
-.064														
-.043														
-.021														
.000														

MACH ( 1 ) = 1.248 BETA0 ( 3 ) = -6.020

SECTION ( 3 ) CR8 ATTACH POINTS	DEPENDENT VARIABLE CP	P/LB	R/LB											
.0577	.0697	.1020	.1100	.1160	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
T/W														
-.277														
-.236														
-.234														
-.213														
-.192														
-.170														
-.148														
-.107														
-.093														
-.064														
-.043														
-.021														
.000														

MACH ( 1 ) = 1.248 BETA0 ( 3 ) = -6.020

SECTION ( 3 ) CR8 ATTACH POINTS	DEPENDENT VARIABLE CP	P/LB	R/LB											
.0577	.0697	.1020	.1100	.1160	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
T/W														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

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ARC11-716 IAI14 01\*712\*312423\*AT110 ORB ATTACH PTS

(RB1120)

MACH ( 1 ) = 1.240 BETA0 ( 3 ) = -0.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L0 .0900

Y/BW

-.021 -.3375

.000 -.4515

MACH ( 1 ) = 1.247 BETA0 ( 4 ) = -3.950

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L0 .0070 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8430

Y/BW

-.277

-.296

-.234

-.213

-.182

-.170

-.149

-.137

-.105

-.064

-.043

-.021

.000

.7434

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 D1+T12+S12N25+AT10 ORB ATTACH PTS

(RB1128)

MACH ( 1 ) = 1.246 BETAO ( 5 ) = -2.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8W															
	-.277										-.0320	-.1245	-.2318	-.2679	
	-.256										-.0801	-.1087	-.1641	-.2911	
	-.234										-.1220	-.0466	-.2912	-.3462	
	-.213										-.0584				
	-.192										.1907	.3547	.4900	.0500	
	-.170										.3714	.4060	.4221	.1722	-.3118
	-.149										.4004	.4256	.4343	.1124	
	-.107										.3704	.4109	.4392	.4307	
	-.088										.3728	.3927	.3337	-.1019	-.1435
	-.064										.3774	.3934	.3205	-.0908	-.3976
	-.043										.3820	.3913	.3104	-.0309	-.3817
	-.021										.3864	.3867	.3208	-.0152	-.2752
	.000										.3923	.3962	.3715	-.0103	-.1267

X/LB .6580

Y/8W	
	-.107
	-.2039
	-.085
	-.1522
	-.064
	-.2543
	-.043
	-.4650
	-.021
	-.5987
	.000
	-.5206

MACH ( 1 ) = 1.246 BETAO ( 6 ) = .010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8W																
	-.277											.1045	.0439	-.1025	-.2472	
	-.256										.1311	.0983	.0290	-.1886	-.3501	
	-.234										.1505	.0688	.0850	-.2930	-.3563	
	-.213										.2409	.1505	.0626			
	-.192										.2951	.3626	.2672	-.0629	-.3600	
	-.170										.2683	.0000	.2383	.2663	-.1760	
	-.149										.2483	.2471	.2627	.2529	.1372	
	-.107										.2412	.2501	.1668	-.2458	-.4168	
	-.085										.2389	.2360	.1503	-.2265	-.4716	
	-.064										.2371	.2343	.1310	-.1790	-.4312	
	-.043										.2309	.2125	.1286	-.1618	-.3450	
	-.021										.2264	.2109	.1627	-.1203	-.2734	
	.000															

X/LB .8980

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ARC11-716 IA14 01+T12+912N23+AT10 ORB ATTACH PTS (RB1128)

MACH ( 1 ) = 1.246    BETAO ( 0 ) = .010

SECTION ( 1 ) ORB. ATTACH POINTS    DEPENDENT VARIABLE CP

K/L0	.8580
Y/BW	
-107	-.3901
-089	-.2724
-064	-.3303
-043	-.4644
-021	-.4845
.000	-.4973



PARAMETRIC DATA

ALPHA = -10.000 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

REFERENCE DATA

SRP = 8.4210 SQ.FT. XMRP = 29.5800 INCHES  
LRP = 38.7090 INCHES YMRP = .0000 INCHES  
ORP = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0500 SCALE

MACH ( 1 ) = 1.845 BETA ( 1 ) = .030

SECTION ( 1 ) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW

-.877  
-.836  
-.834  
-.813  
-.192  
-.170  
-.148  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
  
-.1785  
-.3767  
.4331  
.8994  
.7688  
  
-.3572  
-.4356  
.8436  
.9502  
  
-.1039  
-.2852  
-.3442  
.0000  
  
.0272  
.0476  
.3334  
.0900  
.2199  
  
-.0003  
-.0107  
-.0345  
-.0443  
.2119  
.2299  
.2281  
  
-.0640  
-.0759  
-.0143  
-.0443  
.2651  
.2677  
.2644  
  
-.2195  
-.2659  
-.3759  
-.4211  
-.0654  
-.2536  
.2549  
  
-.3644  
-.4216  
-.4211  
-.4283  
-.1636  
.1611  
  
-.2977  
-.4540  
-.5177  
-.4800  
-.3489  
-.2595  
  
.2363  
.2353  
.2353  
.2353  
.2358  
  
.2531  
.2448  
.2422  
.2247  
.2232  
  
.1871  
.1699  
.1595  
.1482  
.1851  
  
-.2334  
-.2149  
-.1639  
-.1681  
-.1376  
  
-.4540  
-.5177  
-.4800  
-.3489  
-.2595

X/LB .8580

Y/BW

-.107  
-.088  
-.088  
-.046  
-.021  
-.000  
-.4402  
-.3004  
-.3932  
-.5040  
-.5608  
-.5701

ARC11-716 IA14 O1+T12+312425+AT11 OR8 ATTACH PTS (RB1130) ( 02 OCT 75 )

REFERENCE DATA

BAEF = 2.4210 90.FT. XMRP = 29.5800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BAEP = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

PARAMETRIC DATA

ALPHA = .000 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000

MACH ( 1 ) = .972 BETA ( 1 ) = .040

SECTION ( 1 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.137	-.105	-.064	-.043	-.021	.000	.1995	.3648
								.1628	.1713	.1326	.0375				

SECTION ( 2 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.107	-.085	-.064	-.043	-.021	.000	.1995	.3648	.3004	.3383	.3648	.0000	.0000	.0000	.0000

MACH ( 2 ) = 1.008 BETA ( 1 ) = .040

SECTION ( 1 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.137	-.105	-.064	-.043	-.021	.000	.1995	.3648
								.1790	.1627	.0611					

MACH ( 2 ) = 1.008 BETA ( 1 ) = .040

SECTION ( 1 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.137	-.105	-.064	-.043	-.021	.000	.1995	.3648



(R81130)

MACH ( 2 ) = 1.022 BETA0 ( 1 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.107														
	-.085														
	-.064														
	-.043	.3235	.4563	.5469	.7477	-.9553	-.7545								
	-.021	.3652	.5759	.7081	-1.0460	-.9232	-.7727								
	.000	.2237	.3985	.0000	.0000	.0000	-.8502								

X/LB .8580

Y/BW

	-.107	-.5064
	-.085	-.4688
	-.064	-.5404
	-.043	-.6694
	-.021	-.7704
	.000	-.7634

MACH ( 3 ) = 1.025 BETA0 ( 1 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043	.3583	.4891	.3766	-.4328	-.9087	-.7404								
	-.021	.4005	.6038	.8116	-1.0040	-.8738	-.7787								
	.000	.2581	.4313	.0000	.0000	.0000	-.8119								

X/LB .8580

Y/BW

	-.107	-.9039
	-.085	-.4805
	-.064	-.3259
	-.043	-.8487

ORIGINAL DATA FROM  
R81130

ARC11-716 IA14 OI+T12+S12X25+AT11 ORB ATTACH PTS

(RB1130)

MACH ( 3 ) = 1.025 BETA0 ( 1 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.8580
Y/BW	
	-.021
	-.7519
	.000
	-.7328





ARC11-716 IA14 01+T18+812+25+AT10 OR8 ATTACH PTS

(RB11311)

ALPHAC( 1 ) = -10.130 BETA0 ( 2 ) = -6.560

SECTION ( 1 ) OR8, ATTACH POINTS

DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.107	-.383	-.064	-.043	-.021	.000	.4104	.6015	.0000	.0000	.0000	-.6198	-.0000	-.0000	-.0000
K/LB	.0380														

SECTION ( 2 ) OR8, ATTACH POINTS

DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.107	-.6392	-.083	-.4369	-.064	-.5434	-.043	-.8346	-.021	-.8834	.000	-.8973			
K/LB	.0380														

ALPHAC( 3 ) = -10.130 BETA0 ( 3 ) = -4.840

SECTION ( 3 ) OR8, ATTACH POINTS

DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.277	-.236	-.234	-.213	-.192	-.149	-.107	-.063	-.064	-.3043	-.322	-.063	-.4214	.0000	.0000
K/LB	.0380														

SECTION ( 4 ) OR8, ATTACH POINTS

DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.107	-.6457	-.063	-.4545	-.064	-.4863	-.043	-.8346	-.021	-.8834	.000	-.8973			
K/LB	.0380														



CALCULATED PRESSURE DATA - IATA - VOL. 10

(RB1131)

ALPHA ( 1 ) = -10.130 BETA ( 3 ) = -4.840

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560  
 Y/LB  
 -.081 -.7937  
 .000 -.8633

ALPHA ( 1 ) = -10.080 BETA ( 4 ) = -3.250

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .9950 .1020 .1100 .1100 .1250 .1330 .7800 .7960 .8040 .810 .8190 .8270 .8350 .8500

Y/LB  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 .3569  
 .5689  
 .6234  
 .4185  
 .6960  
 .1402  
 .2392  
 .2469  
 .0198  
 .0000  
 .2534  
 .4361  
 .0000  
 .2828  
 .2774  
 .3185  
 .2809  
 .3041  
 .1218  
 .2260  
 .2498  
 .2450  
 .2223  
 .2223  
 .2224  
 .2260  
 .2498  
 .1369  
 .1100  
 .1098  
 .1533  
 .1516  
 .4561  
 .3533  
 .2994  
 .2607  
 .5716  
 .5452  
 .6408  
 .7024  
 .3041  
 .1218  
 .4903  
 .7878  
 .7356  
 .6752  
 .5512  
 .5066  
 .6510  
 .6766  
 .6940

X/LB .8560  
 Y/LB  
 -.101  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 .6186  
 .4434  
 .4746  
 .7249  
 .7897  
 .8469

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(R01151)

ARC11-716 IA14 01+T12+S12R25+AT10 080 ATTACH PTS

ALPHA( 1 ) = -10.040 BETA( 5 ) = -1.800

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500																																																
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	-.1920	-.2940	-.4349	-.4838	-.2316	-.3232	-.3901	-.4898	-.2254	-.5061	-.5722	-.2831	.2040	.2233	-.0959	-.6378	.2013	.2403	.2521	-.1442	.1847	.2348	.2919	.2479	-.3643	.1857	.1938	.0935	-.4074	-.4031	.1604	.1861	.0622	-.4255	-.6119	.1659	.1799	.0475	-.3676	-.6021	.1842	.1742	.0510	-.3258	-.7063	.1975	.1784	.1191	-.2681	-.6111

X/LB .8500

Y/BW	-.107	-.1731	-.1085	-.4280	-.254	-.4472	-.043	-.5162	-.021	-.5942	.000	-.6766
------	-------	--------	--------	--------	-------	--------	-------	--------	-------	--------	------	--------

ALPHA( 1 ) = -10.040 BETA( 6 ) = .100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500																																																																	
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	-.1091	-.1847	-.3392	-.4414	-.0933	-.1632	-.4104	-.5004	-.0953	-.4706	-.5271	-.1560	.0606	-.0325	-.1200	-.0953	-.4706	-.5271	.0747	-.0325	-.1200	-.0953	-.4706	-.5271	.1494	.2409	-.1560	.0606	.1272	-.2889	-.5604	.1073	.0769	.0781	.1206	.0667	-.2981	.0784	.1084	.0756	-.0257	-.5283	.0561	.0523	-.0789	-.4021	-.4811	.2651	.0339	-.0942	-.4654	-.5099	.2471	.0272	-.1063	-.4073	-.5581	.2479	.0182	-.1057	-.3800	-.5990	.1494	.0379	-.0343	-.3256	-.8018



X/LB .8500

DATE 29 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10

(RB1131)

ARC11-716 IAI4 D171E+SIGNES+ATIO 380 ATTACH PTS

ALPHA( 1 ) = -10.040 BETA( 6 ) = .100

SECTION / 11088. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8500

Y/BW
-.107
-.085
-.084
-.043
-.021
.000

ALPHA( 1 ) = -10.040 BETA( 7 ) = 1.010

SECTION / 11088. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

SECTION / 11088. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1080	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.2123	.2586	.0756	.0374	-.0542	-.2714	-.3902	
											.0485	-.0074	-.3449	-.4674	
											.0565	.1031	-.4074	-.4864	
											-.1509				
											.0480	.1563	-.1307	-.5978	
											.1049	.1557	.1706	-.0203	
											.1031	.1606	.2024	.2642	
											.0623	.0540	-.0917	-.4659	-.5174
											.0540	.0336	-.1070	-.5144	-.4722
											.0460	.0249	-.1225	-.4752	-.5393
											.0487	.0200	-.1180	-.4662	-.6307
											.0475	.0123	-.0545	-.4189	-.6923

K/LB .8500

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ARC11-716 IA14 OI+712+S1E2S+AT1D ORB ATTACH PTS (R01131)

ALPHA(1) = -10.130 BETA(0) = 3.250

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0970	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB	-.877										.1168	.0331	-.2531	-.4173	
	-.256								.1941		.1348	.1103	-.3067	-.3100	
	-.234							.4808		.3346	.1530	.2094	-.4404	-.5120	
	-.213							.5309		.7586	-.0691				
	-.192						.3954		.3743	.0300	.1717	.2824	-.0076	-.8215	
	-.170								.2302		.2082	.3072	.3939	-.0420	
	-.149										.2329	.3204	.3914	.5143	
	-.107										.1320	.1482	-.0096	-.5639	-.4880
	-.085										.1036	.0929	-.2639	-.5441	-.3881
	-.064										.0803	.0526	-.0994	-.4697	-.4360
	-.021										.0561	.0282	-.0987	-.4268	-.4742
	.000										.0549	.0143	-.0507	-.4340	-.6153

X/LB .8500

Y/DB

	-.107	-.5292
	-.195	-.4293
	-.064	-.4071
	-.043	-.4081
	-.021	-.4540
	.000	-.4398

ALPHA(1) = -10.130 BETA(0) = 5.250

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0970	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB	-.877										.1553	.0645	-.2184	-.4500	
	-.256								.2395		.1710	.1371	-.3233	-.5457	
	-.234							.5034		.3877	.1929	.2503	-.4748	-.5387	
	-.213							.4247		.7854	-.0797				
	-.192								.0900	.0964	.1964	.2540	-.0126	-.6636	
	-.170								.2553		.2373	.3214	.4058	-.0470	
	-.149										.2632	.3632	.4529	.5393	
	-.107										.1755	.2111	.0609	-.6042	-.3932
	-.085										.1428	.1498	-.0231	-.6295	-.4473
	-.064										.1034	.0963	-.0606	-.5234	-.4110
	-.021										.0737	.0529	-.0731	-.4455	-.4165
	.000										.0513	.0313	-.0255	-.5364	-.3933

X/LB .8500



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

(R01131)

ARC11-716 IAI14 01+112+312M3+AT10 ORB ATTACH PTS

ALPHA( 1 ) = -10.130 BETA( 9 ) = 5.250

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0500
Y/DB	
	-.107
	-.5559
	-.068
	-.4920
	-.064
	-.4185
	-.043
	-.4198
	-.021
	-.4055
	.000
	-.5402

ALPHA( 1 ) = -10.120 BETA( 10 ) = 7.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1350	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB															
	-.277										.1946	.1027	-.1833	-.4722	
	-.256								.2777		.2145	.1723	-.3021	-.5703	
	-.234								.4307		.2354	.2997	-.5185	-.5680	
	-.213								.7845		-.0586				
	-.192				.4587				.0000		.1897	.2617	-.0206	-.6991	
	-.170								.2320		.2386	.3000	.3075	-.0160	
	-.148								.4034		.2473	.3375	.4681	.9375	
	-.107										.1641	.2080	.0690	-.6173	-.8347
	-.089										.1313	.1488	.0053	-.6480	-.3403
	-.064										.0945	.0933	-.0643	-.5977	-.4339
	-.043										.0674	.0441	-.0898	-.4528	-.3811
	-.021										.0428	.0128	-.0392	-.6286	-.5655
	.000														
	.3784	.5997	.0000	.0000	.0000	.0000	.0000								
	.5420	.6684	-.8978	-.7415	-.6942	-.6102									
	.1970	-.6776	-.4156	-.5163	-.5449										
	.3809	.1970	-.6776	-.4156	-.5163	-.5449									
	-.3224	-.5088	-.3793	-.4632											

X/LB	.0500
Y/DB	
	-.107
	-.5783
	-.089
	-.4930
	-.064
	-.4923
	-.043
	-.4332
	-.021
	-.4943
	.000
	-.7091

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(R01131)

ALPHA(1) = -10.130 BETA(11) = 0.780

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277												.8223	.1377	-.1454	-.4142	
-.286								.3093				.2451	.2129	-.2525	-.4962	
-.234								.4584				.2510	.3362	-.5509	-.9181	
-.213								.7779				-.0303				
-.192								.4464				.1944	.2624	-.0027	-.6050	
-.170								.3992				.2342	.2869	.2691	.0408	
-.148								.2451				.2317	.3111	.4509	.9419	
-.107																-.3187
-.085												.1486	.1688	.0401	-.5485	-.8291
-.064												.1174	.1357	-.0120	-.9320	-.1981
-.043												.0865	.0841	-.0601	-.3307	-.2366
-.021												.0570	.0401	-.0591	-.2171	-.1088
-.000												.0350	.0141	-.0137	-.4442	-.4489

X/L = .8580

Y/B =

- .107
- .3382
- .085
- .2969
- .064
- .2492
- .043
- .2286
- .021
- .2756
- .000
- .3609

ALPHA(2) = -0.110 BETA(11) = -0.350

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277																
-.286																
-.234																
-.213																
-.192																
-.170																
-.148																
-.107																
-.085																
-.064																
-.043																
-.021																
-.000																

X/L = .8580



(RB1131)

ARC11-716 IA14 OI+T12+S12N23+AT1D ORB ATTACH PTS

ALPHA( 2 ) = -0.110 BETA( 1 ) = -8.350

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0300

Y/DW	
-0.107	-0.6474
-0.085	-0.4386
-0.064	-0.3369
-0.043	-0.2339
-0.021	-0.1300
.000	-0.0709

ALPHA( 2 ) = -0.120 BETA( 2 ) = -6.640

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/DW														
-0.277														
-0.256														
-0.234														
-0.213														
-0.192														
-0.170														
-0.149														
-0.107														
-0.085														
-0.064														
-0.043														
-0.021														
.000														

X/LB .0980

Y/DW	
-0.107	-0.6480
-0.085	-0.4441
-0.064	-0.3333
-0.043	-0.2303
-0.021	-0.1283
.000	-0.0760

ARC11-716  
IA14 OI+T12+S12N23+AT1D  
ORB ATTACH PTS

ARC11-716 IA14 01+112+512MS+AT10 ORB ATTACH PTS

(R81131)

ALPHA( 2 ) = -6.120 BETA( 3 ) = -4.940

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/8W															
	-.277														
	-.256														
	-.234							.0176	-.3453	-.3078	-.3675	-.3935	-.3953	-.5227	
	-.213				.1851			.2987	.5541	-.1906	-.4033	-.3092	-.3931	-.6607	
	-.192						.3134	.0000	.3701	.3913	-.2993	-.2993	-.7409		
	-.170							.3189			.3559	.3977	.3679	-.2869	
	-.149										.2942	.3617	.3379	.2088	
	-.107														-.3198
	-.085										.2423	.2797	.1656	-.4282	-.4868
	-.064				-.8524	-.9244	-.5098	-.6093			.2373	.2561	.1573	-.4015	-.6828
	-.043		.3212	-.1376	-.8534	-.8321	-.7459	-.6782			.2318	.2363	.1204	-.3094	-.7023
	-.021		.5711	.3997	-.8224	-.8184	-.7737	-.7112			.2288	.2228	.1132	-.2537	-.6761
	.000		.4801	.0000	.0000	.0000	-.6610				.2368	.2224	.1788	-.2274	-.5174

X/LB .8580

Y/8W
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 2 ) = -6.130 BETA( 4 ) = -3.270

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/8W															
	-.277														
	-.256														
	-.234							.0215	-.2994	-.3286	-.4047	-.4174	-.5355		
	-.213				.1306			.2488	.4438	-.2646	-.3924	-.3074	-.5837	-.6337	
	-.192							.2560	.0000	.2959	.3103	-.2483	-.6965		
	-.170								.2631	.2907	.3228	.2926	-.2932		
	-.149									.2392	.2914	.2596	.1303		
	-.107										.2263	.2567	.1501	-.4730	-.3375
	-.085										.2219	.2453	.1365	-.4428	-.7492
	-.064		.3381	-.0890	-.8534	-.8459	-.7489	-.6634			.2250	.2410	.1127	-.3434	-.7320
	-.043		.5714	.4386	-.7901	-.8089	-.7811	-.6994			.2255	.2227	.1090	-.2937	-.6788
	-.021		.4179	.6278	.0000	.0000	-.7127				.2233	.2195	.1724	-.2515	-.5512
	.000				.0000	.0000									

X/LB .8580



ARC11-716 I414 01+T12+S12N25+AT10 ORB ATTACH PTS (RB1131)

ALPHA( 2 ) = -0.130 BETA( 4 ) = -3.270

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0500
Y/BW	
-1.107	-0.6196
-1.085	-0.4381
-1.064	-0.4615
-1.042	-0.6858
-1.021	-0.7764
-1.000	-0.8301

ALPHA( 2 ) = -0.130 BETA( 5 ) = -1.600

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW														
-1.277														
-1.256														
-1.234														
-1.213														
-1.192														
-1.170														
-1.149														
-1.127														
-1.085														
-1.064														
-1.043														
-1.021														
-1.000														
.3447	-0.0508	-0.8596	-0.8397	-0.7257	-0.6566									
.5774	.4469	.7768	.7910	.7667	.6654									
.6297	.0000	.0000	.0000	.0000	.0000									
.4176														
.0500														
.0940	.1776	.2875	.2031	.2173	.1574	.6301								
.0338	.1864	.2326	.1987	.4826	.5752									
.1741	.1768	.2034	.2224	.2505	.0397									
.1741	.1741	.2279	.2843	.2179										
.1768	.1969	.0803	.4522	.3892										
.1825	.1825	.0570	.4383	.5959										
.1868	.1793	.0408	.3541	.6772										
.1868	.1738	.0515	.3090	.7029										
.1937	.1758	.1124	.2559	.6021										

X/LB	.8500
Y/BW	
-1.107	-0.9730
-1.085	-0.4184
-1.064	-0.4278
-1.043	-0.4787
-1.021	-0.5518
-1.000	-0.6528

(RB1131)

ARC11-716 IA14 01\*712\*512N25\*AT10 ORB ATTACH PTS

ALPHA ( 2 ) = -0.130 BETA ( 0 ) = .010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-277															
-256															
-234															
-213															
-192															
-170															
-149															
-107															
-085															
-064															
-043															
-021															
.000															

X/LB -0580

Y/BW

-107	-0255
-085	-0281
-064	-0341
-043	-0422
-021	-0510
.000	-0482

ALPHA ( 2 ) = -0.120 BETA ( 7 ) = 1.700

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-277															
-256															
-234															
-213															
-192															
-170															
-149															
-107															
-085															
-064															
-043															
-021															
.000															

X/LB -0580

Y/BW

-107	-0255
-085	-0281
-064	-0341
-043	-0422
-021	-0510
.000	-0482



(R01131)

DATE 09 JAN 75

ARC11-716 IA14 01+T12+S1R25+AT10 ORB ATTACH PTS

ALPHA( 2 ) = -6.180 BETA( 7 ) = 1.700

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW	-1.107	-1.4931
	-0.085	-1.4126
	-0.064	-1.4018
	-0.043	-1.4456
	-0.021	-1.4669
	.000	-1.4604

ALPHA( 2 ) = -6.110 BETA( 8 ) = 3.340

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670

Y/BW	-0.277	.0425	.1292	.1890	.0270	.8350	.0500
	-0.256	.1275	.1556	.1110	.6040	.7960	.6900
	-0.234	.2329	.1778	.7680	.4556	.3959	.3687
	-0.213	.4261	.1739	.1330	.7399	.3687	.2391
	-0.192	.4794	.0625	.1260	.0000	.3687	.2391
	-0.170	.5785	.1776	.1100	.1776	.3687	.2391
	-0.149	.6990	.3107	.0950	.3107	.3687	.2391
	-0.107	.8350	.3182	.1020	.3182	.3687	.2391
	-0.065	.9311	.3619	.1100	.3619	.3687	.2391
	-0.054	.9972	.3573	.1260	.4706	.3687	.2391
	-0.043	.9810	.3047	.1086	.6196	.3687	.2391
	-0.021	.8845	.2940	.0917	.6917	.3687	.2391
	.000	.7543	.0392	.0000	.6975	.3687	.2391

X/LB .0580

Y/BW	-1.107	-1.2967
	-0.095	-1.2548
	-0.064	-1.2368
	-0.043	-1.2403
	-0.021	-1.3105
	.000	-1.4148

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ARC11-716 IAI4 01+T12+SIEN25+AT10 ORB ATTACH PTS

(RB1131)

ALPHA(2) = -0.090 BETA(9) = 4.950

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0070 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/6W

-.277	.1767	.0856	-.1876	-.3770
-.236	.1992	.1641	-.2859	-.4786
-.234	.2267	.2034	-.4375	-.4768
-.213	.5156	.4055		
-.192	.5747	.7847	-.0445	
-.170	.4125	.0000	.2109	-.2750
-.149	.2735	.2735	.2587	.3394
-.107			.2859	.3782
-.065				.4663
-.064			.1968	.2329
-.043			.1569	.0224
-.021			.1207	.1164
-.000			.0937	.0758
			.0776	.0502
				-.0061
				-.4090
				-.5151

X/LB .6500

Y/6W

-.107	-.3144
-.065	-.2672
-.064	-.2408
-.043	-.2500
-.021	-.3279
.000	-.5294

ALPHA(2) = -6.000 BETA(10) = 6.750

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0070 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/6W

-.277	.2225	.1319	-.1504	-.3663
-.256	.2484	.2067	-.2584	-.4682
-.234	.3113	.2739	-.3372	-.4682
-.213	.5511	.4528		
-.192	.5952	.7902	-.0034	
-.170	.4234	.0000	.2245	.2976
-.149	.2804	.2804	.2690	.3257
-.107			.2768	.3583
-.065				.4888
-.064			.1909	.2274
-.043			.1612	.1716
-.021			.1245	.1221
-.000			.0921	.0707
			.0700	.0436
				-.0021
				-.4273
				-.4705

X/LB .8500



DATE 29 JAN 79 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 OI+1I2+SIENE3+ATI0 ORB ATTACH PTS (R81131)

ALPHA( 2) = -8.080 BETA( 10) = 6.750

SECTION ( 1) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8380
Y/BA	
	-.107
	-.3222
	-.085
	-.2776
	-.084
	-.2444
	-.043
	-.2364
	-.021
	-.2977
	.000
	-.3991

ALPHA( 2) = -6.09C BETA( 11) = 6.370

SECTION ( 1) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0470	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8390
Y/BA															
	-.277										.2526	.1634	-.1233	-.3792	
	-.256							.3384			.2804	.2486	-.2282	-.4747	
	-.234							.5683			.2804	.3693	-.1700	-.3119	
	-.213							.4649			.0108	.2891	.0330	-.6028	
	-.192							.0000			.2578	.3097	.2672	.1130	
	-.170							.2692			.2311	.3246	.4634	.5604	
	-.149														
	-.107										.1611	.2010	.0464	-.3109	-.2046
	-.065										.1363	.1529	-.0074	-.4705	-.1910
	-.064										.1030	.1024	-.0513	-.2885	-.2182
	-.043										.0749	.0613	-.0446	-.1949	-.1660
021	.000											.0362	.0050	-.4255	-.4306
.000		.3346	.5750	.0000	.0000	.0000	-.6480								-.3002
X/LB	.8380														

X/LB	.8380
Y/BA	
	-.107
	-.3407
	-.085
	-.2817
	-.064
	-.2345
	-.043
	-.2025
	-.021
	-.2462
	.000
	-.5887

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(RB1131)

ARC11-716 IA14 01+71R+51R25+AT10 ORB ATTACH PTS

ALPHA( 3 ) = -0.110 BETA( 2 ) = -0.480

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW  
 -.107 -.6231  
 -.085 -.4245  
 -.084 -.4873  
 -.043 -.7364  
 -.021 -.7829  
 .000 -.6531

ALPHA( 3 ) = -0.130 BETA( 3 ) = -4.820

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

.1979  
 .0421  
 .3167  
 .3242  
 .0000  
 .3287  
 .3004  
 .2337  
 .2411  
 .2406  
 .2339  
 .2421

-.2879  
 -.3421  
 -.3251  
 -.3789  
 .5625  
 .0000  
 .3824  
 .3665  
 .2637  
 .2411  
 .2396  
 .2239  
 .2421

-.4206  
 -.3699  
 -.2911  
 -.1831  
 .4008  
 .4074  
 .3680  
 .1907  
 .1956  
 .1202  
 .1199  
 .1796

-.5374  
 -.5115  
 -.6429  
 -.7149  
 -.2483  
 .2299  
 -.4076  
 -.3889  
 -.3017  
 -.2451  
 -.2176

-.5280  
 -.5115  
 -.6429  
 -.7149  
 -.2483  
 .2299  
 -.4076  
 -.4251  
 -.8283  
 -.6867  
 -.6742  
 -.5122

X/LB .0580

Y/BW  
 -.107 -.6163  
 -.085 -.4316  
 -.084 -.4851  
 -.043 -.5709  
 -.021 -.6787  
 .000 -.7961

ARC11-716 IA14 01+T12+S12E23+AT10 ORB ATTACH PTS (RB1131)

ALPHA( 3) = -6.140 BETA( 4) = -3.220

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8950
Y/SW	-277														
	-256														
	-234														
	-213							.1653	.2648	.4475	-.2540	-.5567	-.6121		
	-192							.2690	.0000	.2714	.3063	.3273	-.2748	-.6628	
	-170										.2952	.3370	.2942	-.2712	
	-149										.2439	.3010	.2617	.1541	
	-107														-.3496
	-.085														-.4996
	-.064														-.7000
	-.043														-.7189
	-.021														-.6701
	.000														-.5429

X/LB .6580

Y/SW	-107	-5887
	-085	-4235
	-064	-4334
	-043	-6236
	-.021	-7112
	.000	-7933

ALPHA( 3) = -6.030 BETA( 5) = -1.620

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8950
Y/SW	-277														
	-256														
	-234														
	-213														
	-192														
	-170														
	-149														
	107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														

X/LB .6580



DATE 08 JAN 73 TABULATED PRESSURE DATA - IAI14 - VOL. 10

ARC11-716 IAI14 DI+TE2+SI2M25+ATIO ORB ATTACH PTS (R01131)

ALPHA ( 3 ) = -6.030 BETA ( 5 ) = -1.620

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.8580
Y/DB	
	-.107
	-.9507
	-.085
	-.4050
	-.064
	-.4247
	-.043
	-.4631
	-.021
	-.5085
	.000
	-.6226

ALPHA ( 3 ) = -6.030 BETA ( 6 ) = .030

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB															
	-.277														
	-.256														
	-.234							.1059	.0953	.0066	-.0530	-.1276	-.3550	-.4449	
	-.213							.1615	.2427	-.0959	-.0970	-.0448	-.4193	-.4804	
	-.192							.1240	.0900	.0718	.1248	.1248	-.2036	-.4978	
	-.170								.0836	.0891	.1193	.0540	-.2699		
	-.149								.0824	.0824	.1040	.0659	.0731		
	-.107														
	-.069										.0571	.0451	-.0831	-.4433	
	-.064										.0507	.0261	-.0940	-.4266	
	-.045										.0477	.0157	-.1060	-.3798	
	-.021										.0477	.0137	-.0990	-.3723	
	.000										.0475	.0142	-.0462	-.3011	
	-.4284													-.5593	

K/LB	.8580
Y/DB	
	-.107
	-.9514
	-.085
	-.4151
	-.064
	-.4139
	-.043
	-.4288
	-.021
	-.4298
	.000
	-.4284

ARC11-716 IA14 OI-TIE+SIGNS+ATIO ORB ATTACH PTS (R01131)

ALPHA2( 3 ) = -6.030 BETA2( 7 ) = 1.840

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.886	-.894	-.903	-.912	-.920	-.928	-.936	-.944	-.952	-.960	-.968	-.976	-.984	-.992
X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500

X/LB .8580

Y/BW	-.107	-.4644
Y/BW	-.085	-.3901
Y/BW	-.064	-.3607
Y/BW	-.043	-.4127
Y/BW	-.021	-.4456
Y/BW	-.000	-.4418

ALPHA2( 3 ) = -6.180 BETA2( 8 ) = 3.330

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.296	-.314	-.332	-.350	-.368	-.386	-.404	-.422	-.440	-.458	-.476	-.494	-.512	-.530
X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500

X/LB .8580



TABULATED PRESSURE DATA - IAI4A - VOL. 10

(R01131)

DATE 08 JAN 75

ARC11-710 IAI4 G1+112+512825+AT10 ORB ATTACH PTS

ALPHA ( 3 ) = -6.100 BETA ( 0 ) = 3.330

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0580

Y/IBW	-1.07	-1.2636
	-1.085	-1.2476
	-1.064	-1.2206
	-1.043	-1.2220
	-1.021	-1.2901
	.000	-1.4070

ALPHA ( 3 ) = -6.100 BETA ( 0 ) = 3.010

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/IBW	-1.277	.2022	.1056	-1.1703	-1.3630
	-1.256	.2835	.1833	-1.2727	-1.4616
	-1.234	.4254	.2534	.3159	-1.4701
	-1.213	.5291	.7848	-.0263	
	-1.192	.5834	.0000	.2223	.2945
	-1.170	.4246	.2901	.2670	.3472
	-1.149		.2363	.3663	.4789
	-1.107		.2071	.8438	.0885
	-1.062		.1724	.1851	.0305
	-1.064		.1384	.1326	-.0227
	-1.043		.1116	.0917	-.0292
	-1.021		.0905	.0659	.0104
	.000				-.3944
					-.5045

K/LB .0580

Y/IBW	-1.107	-1.3038
	-1.085	-1.2807
	-1.064	-1.2383
	-1.043	-1.2390
	-1.021	-1.3136
	.000	-1.5215

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(RB1131)

ARC11-716 IAI4 01-718-812M5-AT10 ORB ATTACH PTS

ALPHA(3) = -6.140 BETA(10) = 6.740

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	0.0870	0.0950	0.1020	0.1100	0.1180	0.1260	0.1330	0.1400	0.1480	0.1550	0.1630	0.1700	0.1780	0.1850	0.1930	0.2000
-0.277	-0.256	-0.234	-0.213	-0.192	-0.170	-0.149	-0.107	-0.083	-0.064	-0.043	-0.021	-0.003	0.000	0.000	0.000	0.000	0.000
0.2492	0.2764	0.3011	0.3214	0.3436	0.3675	0.3921	0.4183	0.4461	0.4755	0.5065	0.5390	0.5730	0.6085	0.6455	0.6840	0.7240	0.7655
-0.2091	-0.1966	-0.1843	-0.1724	-0.1608	-0.1495	-0.1385	-0.1278	-0.1174	-0.1073	-0.0974	-0.0877	-0.0783	-0.0691	-0.0601	-0.0513	-0.0427	-0.0343

X/LB = 0.8980

Y/LB = 0.3299

-0.107
-0.083
-0.064
-0.043
-0.021
-0.003
0.000

ALPHA(3) = -6.140 BETA(11) = 6.500

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	0.0870	0.0950	0.1020	0.1100	0.1180	0.1260	0.1340	0.1420	0.1500	0.1580	0.1660	0.1740	0.1820	0.1900	0.1980	0.2060
-0.277	-0.256	-0.234	-0.213	-0.192	-0.170	-0.149	-0.127	-0.105	-0.083	-0.061	-0.039	-0.017	0.005	0.027	0.049	0.071	0.093
0.2754	0.3073	0.3393	0.3713	0.4033	0.4353	0.4673	0.5000	0.5327	0.5654	0.5981	0.6308	0.6635	0.6962	0.7289	0.7616	0.7943	0.8270
-0.2091	-0.1966	-0.1843	-0.1724	-0.1608	-0.1495	-0.1385	-0.1278	-0.1174	-0.1073	-0.0974	-0.0877	-0.0783	-0.0691	-0.0601	-0.0513	-0.0427	-0.0343

X/LB = 0.8980



ARC11-715 IA14 Q1+112+912025+AT10 ORB ATTACH PTS (RB1131)

ALPHAO(3) = -6.140 BETA0(11) = 0.500

SECTION (3) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW
-.107
-.282
-.085
-.2281
-.013
-.1935
-.081
-.2349
.000
-.5744

ALPHAO(4) = -4.170 BETA0(1) = -9.980

SECTION (3) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0990 .1020 .1100 .1180 .1260 .1330 .7980 .7960 .8040 .8110 .8190 .8270 .8350 .8430

Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000		
X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7980	.7960	.8040	.8110	.8190	.8270	.8350	.8430

X/LB .0580

Y/BW
-.107
-.065
-.4131
-.064
-.4785
-.043
-.7820
-.021
-.6002
.000
-.6495



(081131)

ARC11-716 IA14 01+118+31825+AT10 OR8 ATTACH PTS

ALPHAO ( 4 ) = -4.190 BETA0 ( 2 ) = -7.970

SECTION ( 1 ) OR8 . ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.877															
-2.256															
-2.234								.0171							
-2.213								.3545							
-1.192								.3924							
-1.170								.0000							
-1.149								.4083							
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
.030															

X/LB .8360

Y/BW															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
.030															

ALPHAO ( 4 ) = -4.210 BETA0 ( 3 ) = -9.970

SECTION ( 1 ) OR8 . ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.877															
-2.256															
-2.234								.0318							
-2.213								.5449							
-1.192								.5588							
-1.170								.0000							
-1.149								.3522							
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
.030															

X/LB .8360



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+T12+SIENGS+AT10 ORB ATTACH PTS

(RB1131)

ALPHA( 4) = -4.210 BETA( 3) = -5.970

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW  
-.107 -.6180  
-.085 -.4229  
-.064 -.4333  
-.043 -.6364  
-.021 -.7079  
.000 -.8370

ALPHA( 4) = -4.190 BETA( 4) = -3.980

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.277  
-.3044  
-.3526  
-.4981  
.0550  
.2952  
.3024  
.1878  
.3605  
.3470  
.2859  
.2517  
.2465  
.2393  
.2383  
.2410  
-.2387  
-.3737  
-.3727  
-.2662  
.4981  
.2267  
-.2846  
.3640  
.3904  
.3513  
.2852  
.2635  
.2444  
.2305  
.2410  
-.5232  
-.4973  
-.5499  
-.2382  
-.3543  
.3329  
.1871  
.1572  
.1239  
.1169  
.1755  
-.5323  
-.4973  
-.6247  
-.6678  
-.2558  
.2062  
-.4303  
-.6644  
-.6948  
-.6674  
-.5277

X/LB .8580

Y/BW  
-.107 -.8002  
-.085 -.4201  
-.064 -.4161  
-.043 -.5542  
-.021 -.6366  
.000 -.7653

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DATE 06 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+712+S1E25+AT10 ORB ATTACH PTS (RB1131)

ALPHA(4) = -4.160 BETA(6) = .030

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8590  
 Y/BA  
 -.107 -.4891  
 -.085 -.3949  
 -.064 -.4009  
 -.043 -.4232  
 -.021 -.4441  
 .000 -.4475

ALPHA(4) = -4.170 BETA(7) = 2.020

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0930 .1020 .1100 .1160 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
 Y/BA  
 -.877  
 -.858  
 -.834  
 -.813  
 -.792  
 -.770  
 -.749  
 -.728  
 -.685  
 -.664  
 -.643  
 -.621  
 .000 .4011 .6312 .0000 .0000 .0000  
 -.6487 -.3944 -.4823 -.5729  
 .3375 .0485 -.8311 -.7710 -.6529 -.6285  
 .5608 .6116 -.7758 -.7503 -.7034 -.5973  
 .1703 .2371 .1468  
 .3462 .3739 .5015 .2861 .2579 .1669  
 .1198 .0340 -.1670 -.3397  
 .1564 .0869 -.2759 -.4402  
 .1468 .2072 -.4007 -.4656  
 -.0339 .1151 .1973 -.0342 -.5828  
 .1513 .1964 .2212 .0909  
 .1489 .1964 .2537 .2866  
 .0792 .0637 -.0852 -.4051 -.3389  
 .0638 .0372 -.1099 -.4330 -.3598  
 .0539 .0223 -.1266 -.4131 -.4315  
 .0489 .0109 -.1176 -.4031 -.5181  
 .0504 .0109 -.0604 -.3934 -.6201  
 -.4509  
 -.3389

K/LB .8590  
 Y/BA  
 -.107 -.4311  
 -.085 -.3452  
 -.064 -.3558  
 -.043 -.3612  
 -.021 -.4170  
 .000 -.4165

ARC11-716 IA14 OI+T12+S12N25+AT110 ORB ATTACH PTS

(R81131)

ALPHA( 4 ) = -4.240 BETA( 8 ) = 4.040

SECTION ( 11088 ) ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.1964	.1037	-.1688	-.3534	
-.256								.2806			.2169	.1814	-.2664	-.4652	
-.234								.5225			.2445	.3030	-.4235	-.4642	
-.213							.4470				.0268				
-.192								.5755			.2235	.2965	.0421	-.6039	
-.170								.4198			.2700	.3492	.4217	.0179	
-.149								.2842			.2913	.3815	.4710	.5738	
-.107															-.4593
-.085											.1960	.2293	.0593	-.5766	-.3353
-.064											.1610	.1635	.0044	-.5743	-.3335
-.043											.1295	.1147	-.0482	-.4439	-.3796
-.021											.1027	.0775	-.0327	-.3911	-.4118
.000											.0910	.0546	-.0138	-.4401	-.5840

X/LB .8580

Y/BW	-.107	-.4875	-.085	-.4021	-.064	-.3729	-.043	-.3547	-.021	-.4085	.000	-.4307

ALPHA( 4 ) = -4.230 BETA( 9 ) = 6.090

SECTION ( 11088 ) ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.2550	.1568	-.1309	-.3788	
-.256								.3400			.2810	.2381	-.2424	-.5763	
-.234								.5700			.3079	.3758	-.4980	-.5314	
-.213							.4830				.0364				
-.192								.6138			.2545	.3333	.0463	-.6323	
-.170								.4467			.2958	.3609	.3544	.0929	
-.149								.3109			.3054	.3853	.5154	.6155	
-.107															-.5163
-.085											.2243	.2396	.1054	-.5667	-.3825
-.064											.1966	.2013	.0468	-.6028	-.3359
-.043											.1605	.1497	-.0174	-.4945	-.3619
-.021											.1272	.1065	-.0295	-.3917	-.3301
.000											.1074	.0744	.0154	-.5568	-.5253

X/LB .8580



DATE 08 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 O1\*TI2+S12M25\*AT10 ORB ATTACH PTS (R01131)

ALPHA( 4 ) = -4.230 BETA( 9 ) = 6.050

SECTION ( 3 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP	
X/LB	.0300		
Y/DB			
	-.107	-.9208	
	-.085	-.4396	
	-.064	-.4018	
	-.043	-.3691	
	-.021	-.4250	
	.000	-.6173	

ALPHA( 4 ) = -4.200 BETA( 10 ) = 6.070

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP													
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB															
	-.277										.2853	.1941	-.1041	-.3886	
	-.256								.3762		.3171	.2901	-.2040	-.5140	
	-.234							.5925	.5187		.3193	.4074	-.6110	-.5826	
	-.213						.4889	.6179	.7870		.0520				
	-.192							.4355	.0090		.2484	.3139	.0824	-.6446	
	-.170								.2910		.2786	.3401	.3366	.2023	
	-.149										.2718	.3394	.4889	.5894	
	-.107														
	-.085										.1946	.2291	.0663	-.5710	-.3940
	-.064										.1679	.1758	.0162	-.6156	-.3978
	-.043										.1382	.1263	-.0422	-.5221	-.3213
	-.021										.1132	.0881	-.0305	-.3591	-.2800
	.000										.0934	.0643	.0119	-.5844	-.4830

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP	
X/LB	.0360		
Y/DB			
	-.107	-.9350	
	-.085	-.4594	
	-.064	-.4046	
	-.043	-.3385	
	-.021	-.3608	
	.000	-.6887	

(R01131)

ARC11-716 IA14 01+T12+S12M5+AT10 ORB ATTACH PTS

ALPHA( 4 ) = -4.200 BETA( 11 ) = 10.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA	-.277										.3173	.2240	-.0681	-.3188	
	-.236								.4072		.3320	.3229	-.1673	-.4271	
	-.234							.6113	.5490		.3431	.4442	-.6116	-.4935	
	-.213						.4988	.6239	.7204		.0772				
	-.192							.4327	.0000		.2614	.3126	.0705	-.3789	
	-.170								.2949		.2904	.3373	.3252	.2386	
	-.149										.2600	.3168	.4267	.4961	
	-.107										.1746	.2009	.0386	-.4127	-.1783
	-.085										.1571	.1615	-.0091	-.3306	-.1781
	-.064										.1221	.1997	-.0442	-.2335	-.1650
	-.043										.0952	.0724	-.0265	-.1312	-.1032
	-.021										.0757	.0532	-.0205	-.3872	-.3798
	.000														

X/LB .9580

Y/BA

-.107	-.3210
-.085	-.2739
-.064	-.2255
-.043	-.1796
-.021	-.2094
.000	-.5162

ALPHA( 5 ) = -2.870 BETA( 1 ) = -9.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA	-.277														
	-.258														
	-.234														
	-.213														
	-.192							.2909	.3713	.6907	.0021				
	-.170							.4215	.0000	.5007	.5120	-.1662	-.7729		
	-.149								.4409	.4798	.5145	.4748	-.2013		
	-.107									.3999	.4740	.4475	.3165		
	-.085										.3298	.3670	.2638	-.3476	-.4203
	-.064										.3209	.3416	.2493	-.3255	-.7043
	-.043										.3297	.3160	.2058	-.2247	-.6837
	-.021										.3239	.3048	.1933	-.1640	-.6318
	.000										.3109	.3070	.2691	-.1183	-.4449

X/LB .8580

Y/BA

-.107	-.3210
-.085	-.2739
-.064	-.2255
-.043	-.1796
-.021	-.2094
.000	-.5162





(RB1131)

ARC11-716 IAI4 01+112+81285+AT10 ORB ATTACH PTS

ALPHA( 3 ) = -8.870 BETA( 3 ) = -5.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DW								374	.3546	.6007	-.1586	-.4229	-.5313	-.4981	
								.3650	.0000	.0000	-.2748	-.3258	-.3520	-.3567	-.4928
								.3649	.3649	.3649	-.3547	-.2727	-.3768	-.6428	
											.3984	.4411	.4059	-.2263	
											.3283	.4018	.3763	.2608	-.8802
											.2778	.3095	.2160	-.3839	-.4030
											.2763	.2881	.1862	-.3682	
											.2653	.2705	.1491	-.2724	-.6802
											.2660	.2583	.1431	-.2145	-.6637
											.2728	.2648	.2165	-.1961	-.4887

X/LB .8580

Y/DW

	-.107	-.6128
	-.085	-.4271
	-.064	-.4311
	-.043	-.3983
	-.021	-.8779
	.000	-.8284

ALPHA( 3 ) = -2.860 BETA( 4 ) = -3.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7980	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DW								.1989	.0733	.4774	-.2303	-.2083	-.3491	-.5033	-.5218
								.3007	-.1955	-.2506	-.3175	-.2411	-.5514	-.6157	
									.3036	.3036	.3318	.3735	.3435	-.2437	
									.2798	.2798	.3381	.3176	.2052		
									.2502	.2502	.2881	.1896	-.4310	-.4838	
									.2575	.2575	.2725	.1656	-.3978	-.6331	
									.2523	.2549	.2549	.1330	-.3107	-.6886	
									.2488	.2390	.1261	-.2561	-.6591		
									.2510	.2371	.1819	-.2245	-.5237		

X/LB .8580

Y/DW

	-.277	-.256
	-.234	-.213
	-.192	-.170
	-.149	-.107
	-.085	-.064
	-.043	-.021
	.000	.4181



DATE 08 JAN 75 TABULATED PRESSURE DATA - TAI4A - VOL. 1D  
ARC11-716 TAI4 OI+718+S1ENES+AT10 ORB ATTACH PTS (R81131)

ALPHA( 5 ) = -2.880 BETA( 4 ) = -3.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BW  
-.107 -.3902  
-.083 -.4196  
-.064 -.4166  
-.043 -.3793  
-.021 -.6618  
.000 -.7756

ALPHA( 5 ) = -2.840 BETA( 5 ) = -1.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0470 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW  
-.877  
-.255  
-.234  
-.211  
-.192  
-.170  
-.148  
-.107  
-.085  
-.064  
-.043  
-.021  
.003  
-.1308  
-.1674  
-.1674  
-.1661  
-.2365  
.2168  
.2116  
.1893  
.1867  
.1867  
.1907  
.1932  
.1957  
.2082  
-.0984  
-.1290  
.3092  
.0000  
.1967  
.0614  
.2017  
.2014  
.1283  
.0614  
.2017  
.2014  
-.3905  
-.3520  
-.4910  
-.2910  
-.2242  
.1639  
.0672  
-.3288  
-.3806  
-.4144  
-.9879  
-.3393  
-.6606  
-.2973  
-.6842  
-.2372  
-.642

X/LB .6567

Y/BW  
-.107  
-.083  
-.064  
-.043  
-.021  
.000  
-.5438  
-.3968  
-.4078  
-.4491  
-.5048  
-.6210

ALPHA( 8 ) = -2.840 BETA( 8 ) = .010

ARC11-716 IA14 01+718+31263+AT10 ORB ATTACH PTS (RB1131)

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW																							
1/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500								
-1.877																							
-1.856								.0231															
-1.834								.0475															
-1.813								.1240															
-1.908								.1788															
-1.170								.1314															
-1.149								.0913															
-1.107								.0781															
-1.085								.0500															
-1.064								.0406															
-1.043								.0374															
-1.021								.0344															
-1.000								.0414															

1/LB .8300

Y/BW																						
-1.137																						
-1.085																						
-1.064																						
-1.043																						
-1.021																						
-1.000																						

ALPHA( 9 ) = -2.840 BETA( 9 ) = 8.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW																						
1/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500							
-1.877																						
-1.856																						
-1.834																						
-1.813																						
-1.182																						
-1.170																						
-1.149																						
-1.127																						
-1.085																						
-1.064																						
-1.043																						
-1.021																						
-1.000																						

6500





ALPHA( 9 ) = -2.070 BETA( 9 ) = 0.000 (R01131)

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .877											.2642	.1820	-.1224	-.3242	
- .896								.3473			.2876	.2456	-.2265	-.4395	
- .934								.5749	.4624		.3156	.3820	-.4551	-.4644	
- .913								.4908	.6181	.8000	.0527				
- .192								.4331	.0000	.2689	.3450	.0627	-.3629		
- .170									.3218	.3082	.3749	.3633	-.0982		
- .149										.3206	.3979	.5211	.6194		
- .107															-.2817
- .085											.2341	.2718	.1128	-.4775	-.1648
- .064											.2065	.2165	.0572	-.4553	-.1971
- .043											.1697	.1653	.0038	-.3059	-.2460
- .021											.1424	.1182	-.0018	-.2426	-.2246
- .000											.1230	.0911	.0392	-.3943	-.4689

X/LB .0500

Y/BW
- .107
- .3086
- .085
- .2540
- .064
- .2236
- .043
- .2091
- .021
- .2782
.000
- .5764

ALPHA( 9 ) = -2.070 BETA( 10 ) = 0.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .877											.2948	.1997	-.0900	-.3266	
- .896								.3847			.3281	.2967	-.1894	-.4359	
- .934								.5987	.5224		.3316	.4173	-.5730	-.4856	
- .913								.4983	.6261	.7915	.0728				
- .192								.4481	.0000	.2686	.3299	.0913	-.5901		
- .170									.3086	.2982	.3532	.3419	.2182		
- .149										.2903	.3598	.5043	.6061		
- .107															-.2740
- .085											.2131	.2466	.0329	-.4474	-.1735
- .064											.1883	.1956	.0328	-.4074	-.1618
- .043											.1581	.1485	-.0097	-.2703	-.1981
- .021											.1302	.1101	-.0040	-.1634	-.1473
- .000											.1101	.0894	-.0460	-.4637	-.4108

X/LB .8100



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-716 IAI14 OI-112+SIZ25+AT10 ORB ATTACH P13

(RB1131)

ALPHA( 5 ) = -2.870 BETA( 10 ) = 3.070

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

ALPHA( 5 ) = -2.880 BETA( 11 ) = 10.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0950 .1020 .1100 .1180 .1260 .1330 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

X/LB .8580

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

DATE 09 JAN 79 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+112+S12N25+AT10 ORB ATTACH PTS (RB1131)

ALPHA ( 6 ) = -.690 BETA ( 1 ) = -10.000

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8300
.000	-.877															
	-.296															
	-.234															
	-.213															
	-.192															
	-.170															
	-.149															
	-.107															
	-.065															
	-.064															
	-.043															
	-.021															
.000	.3900															

ALPHA ( 6 ) = -.690 BETA ( 2 ) = -7.960

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8300
.000	-.877															
	-.296															
	-.234															
	-.213															
	-.192															
	-.170															
	-.149															
	-.107															
	-.065															
	-.064															
	-.043															
	-.021															
.000	.3900															

ALPHA ( 6 ) = -.690 BETA ( 2 ) = -7.960

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8300
.000	-.877															
	-.296															
	-.234															
	-.213															
	-.192															
	-.170															
	-.149															
	-.107															
	-.065															
	-.064															
	-.043															
	-.021															
.000	.3900															







DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1131)

ARC11-716 IA14 O1+112+SIEN23+AT10 ORB ATTACH PTS

ALPHA( 6 ) = -.600 BETA( 5 ) = -1.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0506
Y/BW	
	-.107
	-.085
	-.064
	-.043
	-.021
	.000

ALPHA( 6 ) = -.600 BETA( 6 ) = .010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1060	.1100	.1160	.1260	.1330	.7800	.7980	.8040	.8110	.8190	.8270	.8330	.8500
Y/BW															
	-.277									.0373	-.0096	-.0650	-.3016	-.3973	
	-.234							.1357		-.0563	-.0048	.0166	-.3658	-.4241	
	-.213							.1849		.2492	-.0251				
	-.192							.1404		.0000	.0835	.1368	-.1932	-.4798	
	-.170									.1070	.0959	.1277	.1147	-.0694	
	-.149										.0893	.1294	.1197	.1642	
	-.107										.0618	.0519	-.0902	-.4203	-.3886
	-.085										.0559	.0300	-.1091	-.4136	-.4206
	-.064										.0485	.0179	-.1242	-.3854	-.4746
	-.043										.0445	.0087	-.1173	-.3666	-.5234
	-.021										.0435	.0043	-.0645	-.3401	-.5801
	.000														

X/LB	.8580
Y/BW	
	-.107
	-.085
	-.064
	-.043
	-.021
	.000

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ARC11-716 IAI4 OI+T12+S12NS+ATIO ORB ATTACH PTS (R81131)

ALPHA( 8 ) = -.670 BETA( 7 ) = 2.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.140	.6110	.6190	.6270	.6350	.6500
Y/8W	-.277										.1402	.0541	-.1679	-.3337	
	-.256							.1894			.1565	.1062	-.2659	-.4379	
	-.234							.3716			.1687	.2289	-.4071	-.4691	
	-.213							.4043			-.0225				
	-.192							.2827			.1315	.2103	-.0123	-.5204	
	-.170										.1754	.2162	.2406	.1143	
	-.149										.1756	.2236	.2783	.3452	
	-.107														
	-.065										.0963	.0900	-.0617	-.3796	-.4288
	-.064										.0950	.0635	-.0919	-.4073	-.3436
	-.043										.0744	.0475	-.1082	-.3668	-.4119
	-.021										.0653	.0345	-.0973	-.3734	-.4936
	.000										.0658	.0327	-.0469	-.3716	-.6034

X/LB .8580

Y/8W	-.107	-.4397
	-.285	-.3694
	-.064	-.3347
	-.043	-.3507
	-.021	-.4054
	.000	-.4099

ALPHA( 8 ) = -.680 BETA( 8 ) = 4.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.6040	.6110	.6190	.6270	.6350	.6500
Y/8W	-.277										.2137	.1152	-.1550	-.3423	
	-.256							.2959			.2286	.1889	-.2551	-.4419	
	-.234							.5304			.2523	.3215	-.4369	-.4521	
	-.213							.7716			-.0052				
	-.192							.4294			.2345	.3040	.0380	-.5703	
	-.170										.2620	.3599	.4256	.0153	
	-.149										.3129	.3940	.4710	.5764	
	-.107														
	-.065										.2253	.2463	.0889	-.4385	-.1968
	-.064										.1891	.1883	.0334	-.3999	-.8077
	-.043										.1560	.1404	-.0111	-.3069	-.2512
	-.021										.1325	.1029	-.0168	-.2766	-.2771
	.000										.1189	.0824	-.0200	-.3477	-.5099

X/LB .8180



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1131)

ARC11-716 IA14 01+T12+312M5+AT10 ORB ATTACH PTS

ALPHA ( ) = -.660 BETA ( ) = 6.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0380

Y/BW	
-.107	-.2816
-.085	-.2325
-.064	-.2078
-.043	-.2094
-.021	-.2940
.000	-.4348

ALPHA ( ) = -.660 BETA ( ) = 6.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7600 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW														
-.277											.2652	.1717	-.1188	-.3351
-.256											.2929	.2509	-.2233	-.4365
-.234											.3166	.3907	-.4768	-.4713
-.213											.0547	.3377	.0512	-.5877
-.192											.2676	.3684	.3623	.0839
-.170											.3119	.4023	.8220	.6177
-.149											.3209	.4023	.8220	.6177
-.127											.2476	.2632	.1292	-.4678
-.065											.2187	.2295	.0720	-.4363
-.064											.1893	.1797	.0208	-.2950
-.043											.1595	.1364	.0146	-.2183
-.021											.1407	.1094	.0580	-.3812
.000											.1407	.1094	.0580	-.3812

X/LB .0580

Y/BW	
-.107	-.2907
-.085	-.2348
-.064	-.2093
-.043	-.1933
-.021	-.2743
.000	-.5627

(RB1131)

ARC11-716 IA14 OI+712+S12N3+AT10 ORB ATTACH PTS

ALPHA( 8 ) = -.690 BETA( 10 ) = 9.080

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB											.3067	.2101	-.0875	-.3226	
									.6050	.5301	.3944	.3355	.3068	-.1870	-.4288
								.5021	.6268	.7874	.9826	.4280	-.5885	-.4842	
									.4495	.0000	.2683	.3323	.1045	-.3951	
									.5117	.3013	.3543	.3929	.2335		
										.2986	.3640	.5133	.6074	-.2817	
										.2253	.2322	.0909	-.4172	-.1580	
										.1990	.2563	.0386	-.3684	-.1638	
										.1710	.1582	-.0013	-.2515	-.1705	
										.1447	.1200	.0103	-.1769	-.1387	
										.1236	.0967	.0599	-.3693	-.4184	

X/LB .8580

Y/LB

	-.107	-.3070
	-.085	-.2523
	-.064	-.1934
	-.043	-.1643
	-.021	-.2165
	.000	-.5743

ALPHA( 8 ) = -.690 BETA( 11 ) = 10.120

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB											.3396	.2441	-.0469	-.3118	
									.4300	.3777	.3777	.3437	-.1517	-.4123	
								.5175	.6286	.5738	.3698	.4728	-.6160	-.4788	
									.6360	.7878	.0952	.3199	.0391	-.5717	
									.4496	.0000	.2807	.3496	.3271	.2160	
									.3090	.3076	.2767	.3262	.4211	.4636	-.2941
										.1930	.2201	.0571	-.4091	-.1718	
										.1794	.1768	.0117	-.5497	-.1810	
										.1493	.1372	-.0255	-.2284	-.1589	
										.1189	.0991	-.0087	-.1265	-.1025	
										.1036	.0791	.0425	-.3956	-.3761	

X/LB .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10

(R81131)

ARC11-716 IAI4 31\*712\*81285\*AT10 ORB ATTACK PT3

ALPHA ( 1 ) = -.000 BETA ( 1 ) = 10.120

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0960

Y/BW
-.107
-.003
-.064
-.043
-.021
.000

ALPHA ( 2 ) = 2.000 BETA ( 2 ) = -10.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7950 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.127
-.085
-.064
-.043
-.021
.000

X/LB .8580

Y/BW
-.107
-.003
-.064
-.043
-.021
.000

-.2740
-.3194
-.2510
-.1930
-.1610
.5285
.5375
.4292
.3593
.3437
.3363
.3338
.3370
.3925
.2712
.3423
.2260
.3277
.3327
.2891
.4007
-.3246
-.5998
-.1610
.3007
.4706
.3031
-.3125
-.2084
-.1475
-.1706
-.3878
-.4905
-.6370
-.7642
-.1013
.3393
-.4060
-.6061
-.6782
-.6526
-.4257



ADJUSTED PRESSURE LOSS (LBS) - VOL. 10

APPROXIMATE DENSITY OF AIR (LBS/FT<sup>3</sup>) - VOL. 10

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

ALPHA (7) = 1.972 BETA (4) = -1.990

K/LB	T/BW	ORB. ATTACH POINTS	DEPENDENT VARIABLE CP
0.000	-0.5880		
0.001	-0.5855		
0.005	-0.5735		
0.010	-0.5615		
0.020	-0.5400		
0.040	-0.4982		
0.080	-0.4246		
0.160	-0.3350		

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

ALPHA (7) = 1.980 BETA (4) = -1.990

K/LB	T/BW	ORB. ATTACH POINTS	DEPENDENT VARIABLE CP
0.000	0.8580		
0.001	0.8555		
0.005	0.8435		
0.010	0.8315		
0.020	0.8100		
0.040	0.7682		
0.080	0.6846		
0.160	0.5950		

K/LB .0500

T/BW	
0.5107	-0.5410
0.5085	-0.4040
0.5064	-0.4013
0.5043	-0.4476
0.5021	-0.5059
0.5000	-0.6244

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(R81131)

ARC11-716 IA14 O1+T12+S12N25+AT10 ORB ATTACH PTS

ALPHA( 7) = 1.980 BETA( 9) = .060

SECTION ( 3) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.0040	.0110	.0190	.0270	.0350	.0500
Y/DB															
-0.877										.0553	.0147	-.0599	-.0105	-.3215	
-0.836								.1613		.0898	.0296	-.0416	-.0056	-.4001	
-0.834								.0096		.2640	.0221	.0415	-.3610	-.4334	
-0.813										.0000	.0030				
-0.192					.1628					.0000	.0923	.1401	-.1802	-.5407	
-0.170								.1595		.1199	.1131	.1412	.1425	-.0426	
-0.148											.1064	.1346	.1586	.1963	
-0.107															
-0.089											.0717	.0569	-.0801	-.3823	-.3516
-0.064											.0618	.0371	-.1025	-.4164	-.4138
-0.043											.0556	.0195	-.1172	-.3885	-.4797
-0.021											.0536	.0128	-.1112	-.3708	-.5302
.000											.0534	.0119	-.0654	-.5330	-.5703

X/LB .0580

Y/DB

-1.107															
-0.085															
-0.064															
-0.043															
-0.021															
.000															

ALPHA( 7) = 1.970 BETA( 9) = 2.040

SECTION ( 3) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.0040	.0110	.0190	.0270	.0350	.0500
Y/DB															
-0.877											.1613	.0760	-.1683	-.3411	
-0.836									.2139		.1752	.1355	-.2655	-.4417	
-0.834								.4162		.3019	.1782	.2536	-.4364	-.4604	
-0.813											-.0179				
-0.192					.3466						.5668	.2301	-.0038	-.5344	
-0.170								.3085		.0000	.1492	.2393	.2695	.1178	
-0.148											.1944	.2507	.3026	.3896	
-0.107															
-0.089											.1213	.1132	-.0404	-.3876	-.3140
-0.064											.1045	.0788	-.0725	-.4110	-.3360
-0.043											.0958	.0578	-.0932	-.3876	-.4070
-0.021											.0909	.0494	-.0902	-.3784	-.4800
.000											.0869	.0392	-.0328	-.3702	-.6046

X/LB .0580



COORDINATE DATA DI+T12+SI2NS+T110 ORB ATTACH BTZ

ALPHA (7) = 1.976 BETA (7) = 2.040

SECTION 11 ORB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .8560

- T/BW
- 1.107 -1.4364
- 1.085 -1.3724
- 1.064 -1.3301
- 1.043 -1.3025
- 1.021 -1.2926
- 1.000 -1.2981

ALPHA (7) = 2.050 BETA (7) = 4.050

SECTION 11 ORB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .0870

- T/BW
- 1.277
- 1.256
- 1.234
- 1.213
- 1.192
- 1.170
- 1.149
- 1.127
- 1.105
- 1.084
- 1.064
- 1.043
- 1.021
- 1.000

R/LB .6380

- T/BW
- 1.107 -1.2584
- 1.085 -1.2145
- 1.064 -1.1859
- 1.043 -1.2081
- 1.021 -1.2958
- 1.000 -1.4371

.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8430
.2183	.2334	.2569	.2887	.3223	.3574	.3999	.4624	.5092	.5607	.6162	.6754	.7382	.8046	.8746

.3032	.4309	.5414	.6284	.6992	.7551	.7977	.8281	.8474	.8646	.8798	.8930	.9044	.9141	.9222
.1236	.1953	.2524	.2962	.3277	.3468	.3635	.3781	.3908	.4017	.4108	.4182	.4240	.4283	.4312

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-710 IA14 01+T18+SIGN2+ATT10 ORB ATTACH PTS (RB1131)

ALPHA ( T ) = 2.050 BETA ( 0 ) = 6.070

SECTION ( 11 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

P/LB	.0870	.0950	.1080	.1100	.1100	.1270	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/Ω															
-1.877											.2638	.1754	-.1147	-.3337	
-1.836									.3522		.2909	.2585	-.2207	-.4284	
-1.834									.5776	.4817	.3008	.3848	-.5138	-.4640	
-1.813								.4904	.6152	.7829	.0446				
-1.812									.4455	.0000	.2471	.3131	.0527	-.5666	
-1.170										.3142	.2951	.3517	.3513	.0935	
-1.149											.3188	.3936	.5119	.6016	-.2831
-1.107												.2901	.1289	-.4644	-.1648
-1.085												.2248	.2292	.4302	-.1801
-1.064												.1955	.1828	.0269	-.2928
-1.043												.1682	.1439	.0240	-.2357
-1.021												.1351	.1233	.0701	-.3776
-1.000															-.4552

P/LB .8580

V/Ω

-1.107	-.2839
-1.085	-.2741
-1.064	-.1983
-1.043	-.1930
-1.021	-.2747
-1.000	-.5620

ALPHA ( T ) = 2.040 BETA ( 0 ) = 6.090

SECTION ( 11 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

P/LB	.0870	.0950	.1080	.1100	.1100	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/Ω															
-1.877											.3214	.2276	-.0703	-.3123	
-1.836									.4152		.3528	.3277	-.1717	-.4118	
-1.834									.6193	.5502	.3909	.4545	-.6062	-.4790	
-1.813								.3134	.7919	.7919	.0916				
-1.812									.4569	.0000	.2813	.3403	.1074	-.3798	
-1.170										.3192	.3098	.3694	.3672	.2614	
-1.149											.3037	.3654	.5011	.5876	-.1898
-1.107												.2328	.2179	.0949	-.3834
-1.085												.2713	.2109	.0438	-.3336
-1.064												.1641	.0043	-.2296	-.1423
-1.043												.1537	.1281	.0179	-.1528
-1.021												.1342	.1199	.0561	-.3725
-1.000															-.3466

P/LB .8580



SECTION (1) ORB. ATTACH POINTS

ALPHA (7) = 2.080 BETA (10) = 10.110

SECTION (1) ORB. ATTACH POINTS

X/LB .8580

Y/BW  
-.107 -.2844  
-.085 -.2499  
-.064 -.1939  
-.043 -.1466  
-.021 -.1983  
.000 -.5631

SECTION (1) ORB. ATTACH POINTS

ALPHA (7) = 2.080 BETA (10) = 10.110

X/LB .0870 .0950 .1020 .1100 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.137  
-.085  
-.064  
-.043  
-.021  
.000 .3003 .5332 .0000 .0000  
-.1798 -.4075 -.2771 -.3648  
.3416 .5536 -.4619 -.3837 -.4346 -.4761  
.6788 .7955 .8290 .6499 .6277 .5634  
.0000 .0000 .0000 .0000 .5892  
-.1958 .2172 .0527 -.4017 .1753  
.1635 .1801 .0128 .3373 .1780  
.1531 .1382 -.0227 .2243 .1492  
.1269 .1006 .0002 .1128 .0973  
.1103 .0841 .0222 .3643 .3692  
-.8907

X/LB .8580

Y/BW  
-.107 -.3024  
-.085 -.2721  
-.064 -.2145  
-.043 -.1803  
-.021 -.2162  
.000 -.5201

ORIGINAL DATA  
OF POOR QUALITY



(R81100)

SECTION (1) ORB. ATTACH POINTS

ALPHA ( 8 ) = 4.150 BETA ( 3 ) = -5.960

DEPENDENT VARIABLE CP

X/LB .0500

Y/BW	-1.107	-1.1946
	-1.085	-1.3923
	-1.064	-1.3972
	-1.043	-1.5633
	-1.021	-1.6497
	.000	-1.7919

ALPHA ( 8 ) = 4.150 BETA ( 3 ) = -5.960

DEPENDENT VARIABLE CP

X/LB .0870

Y/BW	-1.277	-1.256	-1.234	-1.213	-1.192	-1.170	-1.149	-1.127	-1.085	-1.064	-1.043	-1.021	.000
	-1.1974	-1.2627	-1.2831	-1.2831	-1.2775	-1.2775	-1.2775	-1.2775	-1.2775	-1.2775	-1.2775	-1.2775	-1.2775
	-1.1834	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354	-1.2354
	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331	-1.1331
	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000	-1.0000
	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865	-1.4865
	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738	-1.4738
	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146	-1.6146
	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970	-1.6970
	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000	-2.0000
	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969	-2.969
	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583	-3.583
	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055	-4.055
	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372	-4.2372
	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087	-3.087
	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525	-3.3525
	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644	-3.644
	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687	-3.687
	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455	-3.455
	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565	-2.565
	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604	-2.6604
	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597	-2.6597
	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042	-2.2042
	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884
	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312	-2.312
	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884	-1.884
	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723	-1.4723

ORIGINAL PAGE 10 OF POOR QUALITY

ARC11-716 IA14 OI+718+S18N9+AT10 ORB ATTACH PTS (R81131)

ALPHA( 8 ) = 4.160 BETA( 4 ) = -3.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277											-0.1509	-0.2947	-0.4613	-0.5030	
-0.256											-0.2255	-0.3192	-0.3431	-0.4785	
-0.234									.1392	-0.2023	-0.2671	-0.1905	-0.3302	-0.5927	
-0.213								.2469	.3623	.5611	-0.1779				
-0.192								.3598	.0000	.4053	.4312	.3915	-0.1978		
-0.170									.3598	.3598	.3505	.3990	.3673	.2542	
-0.149															
-0.107															
-0.085											.2941	.3248	.2153	-0.3929	-0.4026
-0.064											.2904	.3029	.1655	-0.3706	-0.5981
-0.043											.2842	.2834	.1517	-0.2619	-0.6663
-0.021											.2792	.2706	.1485	-0.2298	-0.6526
.000											.2815	.2686	.2111	-0.1941	-0.5043

X/LB .8560

Y/BW
-0.107
-0.085
-0.064
-0.054
-0.043
-0.021
.000

ALPHA( 8 ) = 4.040 BETA( 5 ) = -1.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277															
-0.256															
-0.234															
-0.213															
-0.192															
-0.170															
-0.149															
-0.107															
-0.085															
-0.064															
-0.043															
-0.021															
.000															

X/LB .8580



THE RATED PRESSURE DATA (1984 - VOL 10)

SECTION (1) ORB. ATTACH POINTS

(RBT1A)

ALPHAO (0) = 4.050 BETAO (0) = .030

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/BW

-1.107	-1.5360
-1.085	-1.5895
-1.064	-1.3969
-1.043	-1.4493
-1.021	-1.4893
.000	-1.6165

ALPHAO (0) = 4.050 BETAO (0) = .030

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0950 .1020 .1100 .1160 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-1.277	.0276	-.0520	-.2093	-.3274
-1.256	.0411	-.0340	-.2913	-.3998
-1.234	.0323	.0585	-.3612	-.4363
-1.213	.0102			
-1.192	.1053	.1575	-.1578	-.5372
-1.170	.1281	.1581	.1352	-.0369
-1.149	.1231	.1547	.1883	.2012
-1.107	.0930	.0753	-.0624	-.3861
-1.085	.0832	.0554	-.0642	-.4163
-1.064	.0773	.0429	-.1032	-.3889
-1.043	.0742	.0319	-.0978	-.3676
-1.021	.0746	.0239	-.0462	-.3340
.000				-.5828

X/LB .0500

Y/BW

-1.107	-1.4460
-1.085	-1.3730
-1.064	-1.5696
-1.043	-1.4067
-1.021	-1.4334
.000	-1.4455

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1131)

ARC11-716 IA14 O1+T12+212NE5+AT10 ORB ATTACH PTS

ALPHA( 8) = 4.050 BETA( 7) = 8.050

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.877									.1646	.0763	-.1846	-.3360		
	-.896							.2257	.4288	.1697	.1379	-.2766	-.4321		
	-.234							.3234		.1732	.2554	-.4458	-.4622		
	-.213							.6067	.4701	-.0343					
	-.192							.0000	.3368	.1484	.2318	.0106	-.5455		
	-.170							.2300		.2054	.2590	.3027	.0806		
	-.149									.2168	.2794	.3434	.4325		
	-.107									.1470	.1401	-.0101	-.4203		-.4289
	-.085									.1279	.1026	-.0568	-.3439		-.3226
	-.064									-.5899	-.2513	-.3298	-.5321		-.3439
	-.043								.3581	.0603	-.7086	-.9454	-.6103		-.4089
	-.021								.5588	.6264	-.6789	-.6656	-.6348		-.4813
	.000								.3908	.6254	.0000	.0000	-.6247		-.6047

X/LB .8560

Y/BW

-.107	-.4319
-.085	-.3720
-.064	-.3372
-.043	-.3612
-.021	-.4037
.000	-.4156

ALPHA( 8) = 4.050 BETA( 8) = 4.050

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.877										.2224	.1275	-.1426	-.3266	
	-.896							.2991	.5266	.4193	.2462	.317	-.4573	-.4384	
	-.234							.4609	.5772	.7440	-.0045				
	-.213								.4254	.0000	.2209	.2947	.0128	-.5477	
	-.192									.3053	.2861	.3495	.3945	.0190	
	-.170										.3113	.3913	.4579	.5569	
	-.149										.2421	.2693	.1173	-.4416	-.1907
	-.107										.2164	.2184	.0610	-.4049	-.2078
	-.085										.1901	.1712	.0164	-.3069	-.2583
	-.064										.1667	.1342	.0118	-.2678	-.2760
	-.043										.1543	.1164	.0461	-.3443	-.4969
	-.021														
	.000														

X/LB .8560



(R01131)

SECTION ( 1 ) ORB. ATTACH POINTS

ALPHA ( 0 ) = 4.030    BETAS ( 9 ) = 4.750

SECTION ( 1 ) ORB. ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
- .107	- .2546
- .085	- .2110
- .064	- .1935
- .043	- .2028
- .021	- .2967
.000	- .4365

ALPHA ( 0 ) = 4.020    BETAS ( 9 ) = 6.070

SECTION ( 1 ) ORB. ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
- .277											.2655	.1740	-.1010	-.3171	
- .256									.5676	.4784	.2893	.2876	-.2104	-.4102	
- .234								.4817	.6070	.7634	.0363	.3778	-.5371	-.452	
- .215									.4394	.0000	.2431	.3094	.0593	-.5377	
- .192									.2984	.0000	.2915	.5373	.3466	.1175	
- .149											.3050	.3811	.5007	.5955	
- .107															-.2582
- .085											.2428	.2686	.1182	-.4277	-.1554
- .064											.2170	.2242	.0650	-.3885	-.1670
- .043											.1932	.1804	.0237	-.2707	-.1982
- .021											.1554	.1441	.0272	-.2081	-.1943
.000	.3433	.5611	.0000	.0000	.0000	-.5828	-.6464	-.5811			.1536	.1252	.0670	-.3588	-.4366

X/LB	.8580
Y/BW	
- .107	- .2723
- .085	- .2218
- .064	- .1768
- .043	- .1717
- .021	- .2443
.000	- .5758

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REGRESSION DATA

(881131)

REGRESSION DATA DEVIATION FROM ATTACH POINTS

ALPHA (0) = 4.000 BETA (1) = 10.00

SECTION (1) CRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

- Y/BW
- 1.107 -1.2894
- 1.085 -1.2679
- 1.064 -1.2186
- 1.043 -1.1660
- 1.021 -1.2102
- 1.000 -1.1927

ALPHA (0) = 6.000 BETA (1) = -9.980

SECTION (1) CRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0650 .1020 .1100 .1100 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

- Y/BW
- 1.277
- 1.256
- 1.234
- 1.213
- 1.192
- 1.171
- 1.149
- 1.107
- 1.092
- 1.064
- 1.053
- 1.024
- 1.000
- .3244
- .4176 .6987
- .4537 .0000
- .4633 .4980
- .4153 .4916
- .3494 .3871
- .3290 .3507
- .3216 .3233
- .3181 .3111
- .3211 .3105
- .3200 .2790
- .3408 .3408
- .6407 .6407
- .6702 .6702
- .6551 .6551
- .4143 .4143
- .3704 .3704
- .4737 .4737
- .6186 .6186
- .7510 .7510
- .1747 .1747
- .3456 .3456
- .1568 .1568
- .3129 .3129
- .3060 .3060
- .2116 .2116
- .1922 .1922
- .1661 .1661
- .4143 .4143
- .2972 .2972
- .3080 .3080
- .5805 .5805
- .8270 .8270
- .8350 .8350
- .8500 .8500
- .2297
- .2755
- .6987
- .0000
- .4633
- .4153
- .3494
- .3290
- .3216
- .3181
- .3211
- .3200
- .3408
- .6407
- .6702
- .6551
- .4143
- .3704
- .4737
- .6186
- .7510
- .1747
- .3456
- .1568
- .3129
- .3060
- .2116
- .1922
- .1661
- .4143

X/LB .6150

- Y/BW
- 1.107 -1.024
- 1.085 -1.014
- 1.064 -1.045
- 1.043 -1.024
- 1.021 -1.045
- 1.000 -1.042

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UNCLASSIFIED PRES RC DA 14 JAN 1988

ASCI1-716 IAL4 OI+712+312N25+AT10 ORB ATTACH PTS (R01131)

ALPHA ( 0 ) = 5.980 BETA ( 4 ) = -3.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0580

Y/BW  
 -.107 -1.5752  
 -.083 -1.3951  
 -.084 -1.3814  
 -.043 -1.4956  
 -.021 -1.5874  
 .000 -1.7567

ALPHA ( 0 ) = 5.950 BETA ( 4 ) = -3.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.127  
 -.085  
 -.054  
 -.030  
 -.021  
 .000  
 .2585  
 .3718  
 .3659  
 .0000  
 .3595  
 .3375  
 .4056  
 .3724  
 .2630  
 .3009  
 .2926  
 .2881  
 .2822  
 .2816  
 .3261  
 .2999  
 .2817  
 .2693  
 .2651  
 .2147  
 .1841  
 .1492  
 .1468  
 .2093  
 .3814  
 .3719  
 .2880  
 .6189  
 .2296  
 .1696  
 .5109  
 .4878  
 .5999  
 .6667  
 .2001  
 .2630  
 .3928  
 .3794  
 .6189  
 .6977  
 .5020

K/LB .0590

Y/BW  
 -.107 -1.5637  
 -.085 -1.3981  
 -.064 -1.3899  
 -.043 -1.4782  
 -.021 -1.5572  
 .000 -1.7244

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 OF POOR QUALITY

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R01131)

ARC11-716 IA14 01+712+312M23+AT110 ORB ATTACH PTS

ALPHAO ( 0 ) = 5.940 BETA0 ( 0 ) = -1.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	0.070	0.090	0.1020	0.1100	0.1180	0.1260	0.1330	0.7800	0.7980	0.8040	0.8110	0.8190	0.8270	0.8350	0.8500
Y/DB	-1.277														
	-1.256														
	-1.234														
	-1.213						.1934	.2634	.2609	.2696	-.1759	.2881	-.2618	-.5807	
	-1.192							.0000	.2335	.2727	.2980	.2848	-.1090		
	-1.149								.2335	.2597	.2704	.2209	.1545	-.3491	
	-1.107									.2446	.2451	.1136	-.4313	-.4046	
	-1.065									.2365	.2328	.1008	-.4125	-.3469	
	-1.064									.2360	.2252	.0842	-.3226	-.6266	
	-1.043									.2365	.2227	.0903	-.2703	-.6678	
	-1.021									.2466	.2261	.1580	-.2165	-.3484	
	-1.000														
X/LB	0.8500														

ALPHAO ( 0 ) = 5.940 BETA0 ( 0 ) = -1.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	0.070	0.090	0.1020	0.1100	0.1180	0.1260	0.1330	0.7800	0.7980	0.8040	0.8110	0.8190	0.8270	0.8350	0.8500
Y/DB	-1.107														
	-1.085														
	-1.064														
	-1.043														
	-1.021														
	-1.000														
X/LB	0.8500														

ALPHAO ( 0 ) = 5.940 BETA0 ( 0 ) = -1.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	0.070	0.090	0.1020	0.1100	0.1180	0.1260	0.1330	0.7800	0.7980	0.8040	0.8110	0.8190	0.8270	0.8350	0.8500
Y/DB	-1.277														
	-1.256														
	-1.234														
	-1.213														
	-1.192														
	-1.149														
	-1.107														
	-1.065														
	-1.064														
	-1.043														
	-1.021														
	-1.000														
X/LB	0.8500														



(R01131)

AKC11-716 1A14 01+112\*512N23\*AT10 ORB ATTACH P13

ALPHA (°) = 5.940 BETA (°) = .040

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/BW

-1.107	-1.4554
-1.058	-1.3914
-1.084	-1.3935
-1.043	-1.4149
-1.021	-1.4456
-1.000	-1.4593

ALPHA (°) = 5.000 BETA (°) = 2.060

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1160 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW

-1.277								.2233			.1619	.0760	-1.1750	-1.3652
-1.256								.3178			.1737	.1286	-1.2831	-1.4420
-1.234							.4347	.3178			.1661	.2424	-1.4603	-1.4687
-1.213							.4710	.6158			-.0424			
-1.192							.3429	.0000			.1502	.2412	-1.0291	-1.9772
-1.170							.2343				.2111	.2641	.3035	.0460
-1.148											.2245	.2916	.3452	.4391
-1.127														
-1.106											.1538	.1503	-1.0019	-1.4451
-1.084											.1391	.1109	-1.0446	-1.4579
-1.063											.1295	.0950	-1.0690	-1.4285
-1.042							.3657				.1176	.0748	-1.0668	-1.3943
-1.020											.1193	.0715	-1.0035	-1.3758
-1.000														-1.6137

X/LB .6500

Y/BW

-1.107	-1.4455
-1.079	-1.3722
-1.054	-1.3503
-1.043	-1.3773
-1.021	-1.4129
-1.000	-1.4392



(R01131)

ARC11-716 JAL4 01+T12+S12N25+AT10 ORR ATTACH PTS

ALPHAO ( 9 ) = 5.990 BETA0 ( 9 ) = 6.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
-.107	-.2764
-.085	-.2258
-.064	-.1812
-.043	-.1785
-.021	-.2538
.000	-.5459

ALPHAO ( 9 ) = 6.000 BETA0 ( 10 ) = 6.130

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7980	.8040	.8110	.8190	.8270	.8350	.8300
Y/BW															
-.277											.3081	.2251	-.0551	-.3087	
-.256								.3984			.3452	.3140	-.1626	-.4050	
-.234								.6064			.3278	.4357	-.6113	-.4717	
-.213							.4966	.6167			.0696				
-.192								.4350			.2568	.3074	.0658	-.5851	
-.170								.2981			.2897	.3349	.3261	.2029	
-.149											.2818	.3412	.4576	.5325	
-.107											.2145	.2427	.0823	-.3921	-.2703
-.084											.1934	.1995	.0349	-.3280	-.1842
-.043		.3392	.2239	-.3682	-.3241	-.4513	-.4665				.1665	.1522	.0017	-.2259	-.1336
-.021		.4901	.7310	-.7998	-.6731	-.6255	-.5466				.1492	.1272	.0128	-.1441	-.1208
.000	.3001	.5472	.0000	.0000	.0000	-.5459					.1347	.1098	.0552	-.3583	-.3684

X/LB	.8580
Y/BW	
-.107	-.2859
-.085	-.2415
-.064	-.1928
-.043	-.1563
-.021	-.2151
.000	-.5192





DATE 08 JAN 75

TABULATED PRESSURE DATA - IA14A - VOL. 10

PAGE 5466

ARC11-716 IA14 01+112+SIGN23+AT10 OR8 ATTACH PTS

(R81131)

ALPHA(10) = 7.880 BETA(3) = -3.950

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277
-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236	-0.236
-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213
-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192
-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170
-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149
-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107
-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085
-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064
-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043
-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021
.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X/LB .8580

Y/BW

-0.107	-0.5632
-0.085	-0.3939
-0.064	-0.3085
-0.043	-0.4536
-0.021	-0.5433
.000	-0.7029

ALPHA(10) = 7.840 BETA(4) = -3.970

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277	-0.277
-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256	-0.256
-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234
-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213	-0.213
-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192
-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170	-0.170
-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149	-0.149
-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107	-0.107
-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085	-0.085
-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064	-0.064
-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043	-0.043
-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021	-0.021
.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X/LB .8580



EXTRACTED PRESSURE DATA (A144 - V2. 10)

(R81131)

9811-716 2A14 01\*12\*12\*25\*AT10 ORB ATTACH PTS

ALPHA(10) = 7.940 BETA( 9) = -2.970

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8900

Y/BW
-.107
-.089
-.084
-.043
-.021
.000

ALPHA(10) = 7.940 BETA( 9) = -1.980

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .6040 .6110 .6190 .6270 .8330 .8900

Y/BW
-.877
-.256
-.232
-.213
-.192
-.170
-.149
-.107
-.065
-.054
-.043
-.021
.000

X/LB .6500

Y/BW
-.107
-.089
-.064
-.043
-.021
.000

ORIGINAL PAGE IS  
OF POOR QUALITY

ARC11-716 IA14 01+T12+S12N23+AT10 ORB ATTACH PTS

(RB1131)

ALPHA(10) = 7.890 BETA( 6) = .030

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277									.0784	.0304	-.0578	-.2273	-.3659	
	-.256								.2115	.1132	.0233	-.0332	-.3369	-.4745	
	-.234								.2610	.3288	.0046	.0459	-.3937	-.4578	
	-.213							.2098	.2041	.0000	.1278	-.1678	-.2290	-.5352	
	-.192								.1625		.1549	.1835	.1242	-.0504	
	-.170										.1491	.1696	.1135	.2056	
	-.149														
	-.107														
	-.085										.1222	.1177	-.0319	-.3949	-.3747
	-.064										.1200	.0974	-.0415	-.4580	-.4521
	-.043										.1124	.0779	-.0732	-.4058	-.5014
	-.021										.1089	.0688	-.0535	-.3520	-.5194
	.000										.1008	.0791	-.0116	-.2602	-.3046

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA(10) = 7.940 BETA( 7) = 2.060

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277										.1421	.0714	-.1760	-.3318	
	-.256								.2067	.1461	.1069	-.2932	-.4323		
	-.234								.3077	.1345	.2044	-.4500	-.4365		
	-.213							.4454	.6319	-.0645					
	-.192							.3698	.4888	.1377	.2386	-.0341	-.5594		
	-.170							.3453	.0000	.2157	.2136	.2691	.3129	-.0082	
	-.149									.2362	.2983	.3443	.4455		
	-.107														
	-.085										.1658	.1633	.0074	-.4451	-.4398
	-.064										.1499	.1270	-.0301	-.4659	-.3481
	-.043										.1379	.0990	-.0585	-.4153	-.4355
	-.021										.1316	.0831	-.0503	-.3811	-.5031
	.000										.1311	.0791	-.0311	-.3320	-.6148

X/LB .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - I414A - VOL. 10

(R81131)

ARC11-716 I414 01-712+312M25+AT10 OR8 ATTACH PTS

ALPHA(10) = 7.940 BETA( 7) = 2.060

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB
	.6560
	Y/BW
	-.107
	-.4220
	-.083
	-.3609
	-.064
	-.3272
	-.043
	-.3611
	-.021
	-.4060
	.000
	-.4122

ALPHA(10) = 6.010 BETA( 8) = 4.090

SECTION ( 3) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	Y/BW
.0870	.0930	.1020
.1100	.1180	.1260
.1330	.7880	.7960
.8040	.8110	.8190
.8270	.8350	.8500
	.1877	.1054
	.2066	.1595
	.1725	.2570
	-.0403	-.4869
	.6941	-.0403
	.0000	.2476
	.2690	.3038
	.2744	.3528
	.2171	.4127
	.1940	-.4599
	.1748	-.4263
	.1544	.0080
	.1421	.0055
	.1134	-.2893
	.0447	-.3522
	-.5102	-.2794
	-.2046	-.2046
	-.2334	-.2334
	-.2797	-.2797
	-.3024	-.3024
	-.3522	-.3522
	-.5102	-.5102

X/LB	Y/LB
	.6560
	Y/BW
	-.107
	-.2606
	-.083
	-.2183
	-.064
	-.2020
	-.043
	-.2211
	-.021
	-.3179
	.000
	-.4122

(RB1131)

ARC11-716 IAI4 OI+TIE+SIENS+AT10 OR8 ATTACH PTS

ALPHA(10) = 8.000 BETA(9) = 6.120

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.4302	.5502	.7115	-.0138	.2307	.1624	-.0962	-.3231
								.3650	.4276	.2189	.2503	.2262	-.2011	-.3954	
								.2574	.0900	.1872	.2400	.2831	.3067	.0891	
											.2501	.3346	.4308	.5442	
											.2093	.2358	.0812	-.4349	-.1724
											.1867	.1665	.0421	-.3950	-.1872
											.1686	.1463	-.0703	-.2868	-.2229
											.1524	.1206	.0032	-.2372	-.2211
											.1401	.1029	.0460	-.3640	-.4606

X/LB .8580

Y/BW
-.107
-.2767
-.085
-.2298
-.064
-.1916
-.043
-.1974
-.021
-.2777
-.020
-.4634

ALPHA(10) = 7.880 BETA(10) = 6.120

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.4542	.5824	.7297	.0055	.2813	.2076	-.0477	-.3031
								.3723	.5014	.2668	.2975	.2915	-.1440	-.3793	
								.3919	.0000	.2089	.2429	.2894	.2946	.1796	
								.2631	.2556	.3175	.4645	.5591			
											.1972	.2257	.0703	-.4041	-.1548
											.1758	.1829	.0176	-.3371	-.1653
											.1511	.1379	-.0190	-.2426	-.1713
											.1277	.1042	-.0098	-.1711	-.1436
											.1156	.0882	.0384	-.3598	-.4067

X/LB .8580



ARC11-716 IAL14 OULT12+SIGN23+AT10 DRB ATTACH PTS (RB1131)

ALPHA(10) = 7.980 BETA(10) = 0.120

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/DB	-1.107	-1.2832
	-1.085	-1.2393
	-1.064	-1.1962
	-1.043	-1.1577
	-1.021	-1.1267
	-.000	-1.5016

ALPHA(10) = 7.950 BETA(11) = 10.200

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .1410 .1490 .1570 .1650

Y/DB	-.277	-.296	-.234	-.213	-.192	-.170	-.149	-.107	-.1085	-.064	-.043	-.021	-.000
	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426	-.8426
	.3477	.3477	.3477	.3477	.3477	.3477	.3477	.3477	.3477	.3477	.3477	.3477	.3477
	.4022	.4022	.4022	.4022	.4022	.4022	.4022	.4022	.4022	.4022	.4022	.4022	.4022
	.5970	.5970	.5970	.5970	.5970	.5970	.5970	.5970	.5970	.5970	.5970	.5970	.5970
	.7382	.7382	.7382	.7382	.7382	.7382	.7382	.7382	.7382	.7382	.7382	.7382	.7382
	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	.2557	.2557	.2557	.2557	.2557	.2557	.2557	.2557	.2557	.2557	.2557	.2557	.2557
	.2354	.2354	.2354	.2354	.2354	.2354	.2354	.2354	.2354	.2354	.2354	.2354	.2354
	.1741	.1741	.1741	.1741	.1741	.1741	.1741	.1741	.1741	.1741	.1741	.1741	.1741
	.1530	.1530	.1530	.1530	.1530	.1530	.1530	.1530	.1530	.1530	.1530	.1530	.1530
	.1398	.1398	.1398	.1398	.1398	.1398	.1398	.1398	.1398	.1398	.1398	.1398	.1398
	.1172	.1172	.1172	.1172	.1172	.1172	.1172	.1172	.1172	.1172	.1172	.1172	.1172
	.1032	.1032	.1032	.1032	.1032	.1032	.1032	.1032	.1032	.1032	.1032	.1032	.1032

X/LB .0580

Y/DB	-1.107	-1.3003
	-1.085	-1.2613
	-1.064	-1.2184
	-1.043	-1.1766
	-1.021	-1.2194
	-.000	-1.4972

X/LB .0580



DATE 08 JAN 75 TABULATED PRESSURE DATA - I414A - VOL. 10

(RB1131)

ARC11-716 I414 01+T12+S12N25+AT10 ORB ATTACH PTS

ALPHAD1111 \* 12.010 BETAD ( 2 ) \* -7.912

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/Δ	Y/Δ
.0380	
	.107
	-.085
	-.054
	-.043
	-.021
	.003

ALPHAD1111 \* 9.920 BETAD ( 3 ) \* -5.920

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/Δ	Y/Δ
.0870	
	-.277
	-.236
	-.234
	.213
	-.192
	-.170
	-.149
	-.127
	-.095
	-.064
	-.043
	-.021
	.000

X/Δ .0960

Y/Δ
-.107
-.085
-.064
-.043
-.021
.000

X/Δ	Y/Δ	X/Δ	Y/Δ
.0990		.1100	
.1280		.1260	
.1330		.1330	
.7880		.7880	
.7960		.8040	
.8110		.8190	
.8270		.8350	
.8500		.8600	

X/Δ	Y/Δ	X/Δ	Y/Δ
.1276		.1276	
.3650		.3650	
.3842		.3842	
.0000		.0000	
.3699		.3699	
.4267		.4267	
.4030		.4030	
.4444		.4444	
.4034		.4034	
.2038		.2038	
.3293		.3293	
.4049		.4049	
.2882		.2882	
.2792		.2792	
.2726		.2726	
.2750		.2750	
.2686		.2686	
.2704		.2704	
.2713		.2713	
.2538		.2538	
.1953		.1953	
.2006		.2006	
.4724		.4724	

ARC11-716 IAI4 01\*18\*SIEN85\*AT10 ORB ATTACH PTS (R81131)

ALPHA(11) = 9.940 BETA( 4) = -3.950

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-277															
-256															
-234															
-213								.8704	.3522	.6124	.4175	.4492	.2383	.6602	
-192								.3824	.0000	.3767	.4009	.4510	.4048	.2020	
-170											.3432	.4061	.3771	.2605	
-149															
-127															
-105															
-84															
-63															
-42															
-21															
0	.3789	.5962	.0300	.0000	.0000	.0000	.5504				.2752	.2579	.1923	.2058	.5110
											.2990	.3205	.2023	.3930	.4090
											.2840	.2947	.1709	.3873	.5864
											.2752	.2741	.1361	.2986	.6702
											.2705	.2584	.1354	.2226	.6593

X/LB .8580

Y/BW

-127	-1.5602
-105	-1.4056
-84	-1.3540
-63	-1.4856
-42	-1.5664
-21	-1.7117

ALPHA(11) = 9.940 BETA( 5) = -1.960

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-277															
-256															
-234															
-213								.8141	.2947	.4118	.1866				
-192								.2517	.0000	.3018	.3146	.2458	.6084		
-170									.2785	.3261	.3335	.3335	.1066		
-149											.2933	.2999	.3816	.3808	
-127															
-105															
-84															
-63															
-42															
-21															
0	.3813	.6015	.0000	.0000	.0000	.0000	.5513				.2633	.2999	.3816	.3808	
											.2603	.2673	.1574	.2949	.4472
											.2608	.2575	.1157	.3781	.6000
											.2593	.2450	.1002	.3216	.6267
											.2581	.2374	.1283	.2670	.6897
											.2617	.2372	.1709	.2196	.5511

X/LB .8580



(R01131)

ARC11-716 IA14 01\*12\*SIGN5\*ATIO OR8 ATTACH PTS

ALPHA(11) = 0.040 BETA( 5) = -1.960

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0500
T/Bu	
- .107	-.5449
- .085	-.3988
- .064	-.3912
- .043	-.4707
- .021	-.5649
.000	-.6712

ALPHA(11) = 9.000 BETA( 6) = .040

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8430
T/Bu															
- .277								.2119	.2166	.2177	.3431	.0200	.1332	.2038	-.2774
- .256										.0621	.0197	-.0624	-.2596	-.4042	
- .234										.1013	-.0930	.0264	-.4447	-.5147	
- .213											-.0198				
- .192											.1586	.2003	.1216	-.2437	
- .170											.1607	-.1692	.1079	.0231	
- .149															
- .127															
- .107															
- .085															
- .064															
- .043															
- .021															
.000															
- .4703															

X/LB	.0500
T/Bu	
- .107	-.4816
- .085	-.4679
- .064	-.3995
- .043	-.4240
- .021	-.4394
.000	-.4371

ARC11-716 1A14 01+718+818M5+AT10 OMB ATTACH PTS

(RB1131)

ALPHA(11) = 0.000 BETA( 7) = 2.070

SECTION ( 11) OMB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0070	.0920	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/B															
- .877								.1342			.0320		-.1992		-.3948
- .856							.1998		.1998		.1391		-.3178		-.4961
- .834					.4030		.2869				.1307		-.5064		-.5237
- .813					.3475		.4509				-.0508				
- .792					.3313		.0000				.1339		-.0780		-.8400
- .770							.2267				.2037		-.2652		-.0419
- .749											.2207		.3111		.4201
- .727											.1701		.1614		-.0131
- .706													-.4130		-.3396
- .684											.1627		-.0175		-.4408
- .663											.1566		-.0407		-.4714
- .641											.1542		-.0271		-.3726
- .620											.1473		.1122		-.0361
- .598															-.4988

K/LB .8560

Y/B

- .137															
- .085															
- .3497															
- .3759															
- .4030															
- .4067															

ALPHA(11) = 0.000 BETA( 8) = 4.110

SECTION ( 11) OMB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0070	.0920	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/B															
- .877											.2175		-.1231		-.3330
- .856									.2878		.2276		-.2443		-.4217
- .834								.3180	.4096		.2212		-.4946		-.4374
- .813								.4375	.5605		-.0107				
- .792								.4064	.0000		.2055		.0233		-.5733
- .770								.2869			.2673		.3189		.0341
- .749											.2956		.3664		.4471
- .727															-.2816
- .706											.2223		.2462		-.4339
- .684											.1986		-.3766		-.2800
- .663											.1714		.0326		-.3285
- .641											.1493		-.0596		-.2758
- .620											.1363		.0233		-.3342
- .598															-.3938

K/LB .8560

Y/B

- .137															
- .085															
- .3497															
- .3759															
- .4030															
- .4067															



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1331)

ARC11-710 IA14 01-712+512825+AT10 ORB ATTACH PTS

ALPHA(11) = 0.000 BETA( 8) = 4.110

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0980

Y/BW  
 -.107 -.2766  
 -.088 -.2262  
 -.064 -.2046  
 -.043 -.2199  
 -.021 -.2985  
 .000 -.4237

ALPHA(11) = 9.980 BETA( 9) = 6.130

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8430

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 .3264 .1973 -.6113 -.9576 -.5131 -.4795  
 .4991 .7142 -.6960 -.6701 -.6432 -.5622  
 .200 .3106 .5575 .0000 .0000 .0000 -.5669

.2610 .1765 -.0792 -.3104  
 .2787 .2500 -.1671 -.4024  
 .2647 .3678 -.9601 -.4600  
 .0251  
 .2810 .0927 -.5814  
 .2733 .3169 .3289 .1074  
 .2820 .3620 .4776 .5761  
 -.2633  
 .2318 .2638 .1095 -.4240 -.1638  
 .2121 .2136 .0589 -.3794 -.1873  
 .1885 .1752 .0176 -.2924 -.2160  
 .1701 .1421 .0196 -.2306 -.2041  
 .1497 .1242 .0636 -.3663 -.4578

X/LB .0980

Y/BW  
 -.107 -.2855  
 -.085 -.2375  
 -.064 -.1910  
 -.043 -.1871  
 -.021 -.2733  
 .000 -.4971



(RB1131)

APC11-716 IA14 01+T12+S12N3+AT10 ORB ATTACH PTS

ALPHAO(11) = 10.030 BETA0 (10) = 0.170

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.2982	.2215	-.0385	-.2919	
-.256								.3789			.3223	.3058	-.1350	-.3751	
-.234								.5078			.2953	.4288	-.6072	-.4759	
-.213								.7539			.0342	.2635	.0524	-.5884	
-.192								.5912			.2282	.2957	.2904	-.1675	
-.170								.4119		.2780	.2664	.3185	.4399	.5233	
-.149											.2645	.5185	.4399	.5233	
-.107											.2086	.2346	.0731	-.4167	-.1994
-.085											.1881	.1882	.0248	-.3634	-.1733
-.064											.1634	.1507	-.0131	-.2610	-.1887
-.043											.1402	.1168	.0052	-.1799	-.1520
-.021											.1297	.1028	.0404	-.3703	-.4179
.000															

X/LB .8580

Y/BW

-.107	-.2991
-.085	-.2495
-.064	-.1934
-.043	-.1668
-.021	-.2280
.000	-.5104

ALPHAO(11) = 10.030 BETA0 (11) = 10.230

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.3257	.2570	.0022	-.2872	
-.256								.4143			.3597	.3492	-.0984	-.3819	
-.234								.5464			.3275	.4990	-.6181	-.4696	
-.213								.7189			.0389	.2479	-.0243	-.5882	
-.192								.5851			.2241	.2701	.2552	.0896	
-.170								.3993		.2576	.2505	.2674	.3532	.3731	
-.149											.2375	.2674	.3532	.3731	
-.107											.1694	.1919	.0378	-.4375	-.1958
-.085											.1672	.1570	-.0025	-.3632	-.1939
-.064											.1509	.1192	-.0362	-.2437	-.1665
-.043											.1133	.0858	-.0179	-.430	-.1220
-.021											.0968	.0676	.0367	-.3820	-.3793
.000															

X/LB .8580



TABULATED PRESSURE DATA - 1A14A - VOL. 1D

(RB1131)

ARC11-716 1A14 01+T12+S12N23+AT1D ORB ATTACH PTS

DATE 09 JAN 75

ALPHAC(11) = 10.050 BETA0 (11) = 10.250

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/8W
-.107
-.3040
-.085
-.2783
-.064
-.2245
-.043
-.1675
-.021
-.2334
.000
-.5116

ORIGINAL PAGE IS OF POOR QUALITY



ARC11-716 IA14 O1+712+312K25+AT10 ORB ATTACH PTS

PARAMETRIC DATA

MACH = 1.100 ELEVON = .000  
RUDDER = .000 SPDBRK = .000

REFERENCE DATA

SREF = 2.4210 SQ.FT. YMRP = 29.5800 INCHES  
LREF = 38.7090 INCHES YMRP = .0000 INCHES  
BREF = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

ALPHA( 1 ) = -10.240 BETA( 1 ) = -9.900

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213							.3426	.3727	.6832	.2561				
	-.192							.4557	.0000	.5696	.6044	.1044	.1044	.5715	
	-.170							.5000	.5000	.5835	.5674	.5674	.0613		
	-.149							.4808	.4808	.5436	.5321	.3861			
	-.107									.4254	.4702	.4304	.1315	-.4586	
	-.085									.4148	.4517	.4082	.0714	-.5595	
	-.064									.4097	.4344	.3748	.0012	-.4245	
	-.043									.4087	.4215	.3601	.0310	-.3483	
	-.021									.4112	.4277	.4169	-.0368	-.1514	
	.000														

X/LB .8580

Y/BW

-.107 -1.4661  
-.085 -1.2281  
-.064 -1.5569  
-.043 -1.7304  
-.021 -1.7336  
.000 -1.6326

ALPHA( 2 ) = -10.220 BETA( 2 ) = -7.890

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213							.3175	.0534	-.3115	-.3179	-.2630	-.3814	-.5142	
	-.192							.3582	.6457	-.2850	-.2785	-.2381	-.5147	-.6072	
	-.170							.4337	.0000	.6457	.2065	.5602	.0895	-.5069	
	-.149							.4740	.5233	.4740	.5233	.5550	.5453	-.0803	
	-.107							.4501	.4501	.4501	.4501	.4501	.4501	.4501	.3581
	-.149														



DATE 06 JAN 75 TABULATED PRESSURE DATA - IA114A - VOL. 10

ARC11-716 IA114 OL+TIP+SIGNE2+AT10 ORB ATTACH PTS (RB1132)

ALPHA( 1 ) = -10.220		BETA( 2 ) = -7.890													
SECTION ( 1 ) ORB. ATTACH POINTS															
DEPENDENT VARIABLE CP															
X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.107										.4079	.4509	.4056	-.1920	-.4701
	-.085										.4007	.4376	.3877	-.0936	-.5759
	-.064										.3991	.4217	.3586	-.0192	-.4444
	-.043			.5546	.1388	-.0415	-.6151	-.4725	-.4424		.3996	.4124	.3506	.0124	-.3600
	-.021			.7793	.6234	-.5739	-.3661	-.5225	-.4741		.4081	.4230	.4092	-.0393	-.1758
	000			.8405	.8134	.0000	.0000	.0000	-.3800						

ALPHA( 1 ) = -10.220		BETA( 3 ) = -5.900													
SECTION ( 1 ) ORB. ATTACH POINTS															
DEPENDENT VARIABLE CP															
X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	000														

ALPHA( 1 ) = -10.220		BETA( 3 ) = -5.900													
SECTION ( 1 ) ORB. ATTACH POINTS															
DEPENDENT VARIABLE CP															
X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	000														

ALPHA( 1 ) = -10.220		BETA( 3 ) = -5.900													
SECTION ( 1 ) ORB. ATTACH POINTS															
DEPENDENT VARIABLE CP															
X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.107														
	-.085														
	-.064														
	-.043														

(RB1132)

ARC11-716 IA14 01+T12+S12N23+AT10 ORB ATTACH PTS

ALPHA( 1 ) = -10.820 BETA( 3 ) = -5.900

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8360

Y/BW  
-.021 -7.590  
.000 -6.694

ALPHA( 1 ) = -10.830 BETA( 4 ) = -3.930

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW  
-.877  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.2740  
-.2921  
.0358  
.4359  
.4279  
.3666  
.3370  
.3352  
.3301  
.3298  
.3296  
-.2315  
-.2934  
-.2483  
.0358  
.4359  
.4591  
.4309  
.3784  
.3621  
.3482  
.3332  
.3296  
-.4934  
-.3617  
-.4931  
-.0094  
-.4560  
.4250  
.3293  
.3114  
.2762  
.2693  
.3122  
-.5113  
-.4978  
-.5969  
-.5918  
-.1640  
.2665  
-.2296  
-.5434  
-.6437  
-.5311  
-.4003  
-.2471  
.2244  
-.2408  
.0695  
.0000  
.3857  
.2442  
-.4724  
-.6095  
-.2655  
-.3551  
.5772  
.2118  
-.5836  
-.6059  
-.4914  
-.4202  
.7803  
.6715  
-.5483  
-.5340  
-.5106  
-.4561  
.0000  
.6470  
.8294  
.0000  
.0000  
-.4550

X/LB .8360

Y/BW  
-.107  
-.3340  
-.085  
-.3250  
-.064  
-.5772  
-.043  
-.7348  
-.021  
-.7664  
.000  
-.6952





(R0113E)

ARC11-716 IA14 01+712+912N23+AT10 ORB ATTACH PTS

ALPHA( 1 ) = -10.240 BETA( 6 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0580

Y/BA
-.107
-.065
-.064
-.043
-.021
.000

ALPHA( 1 ) = -10.250 BETA( 7 ) = 2.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0670 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BA	.1516	.0888	-.1176	-.3484
-.277	.1516	.1132	-.2103	-.4375
-.256	.1539	.1902	-.3583	-.4363
-.234	.0188			
-.213	.1428	.2350	-.0021	-.5079
-.192	.1681	.2305	.2452	.0377
-.170	.1892	.2310	.2710	.3407
-.149				-.4618
-.107	.1482	.1460	.0368	-.3434
-.085	.1464	.1316	.0198	-.3821
-.064	.1413	.1203	.0062	-.3382
-.043	.1436	.1211	.0180	-.3372
-.021	.1418	.1242	.0785	-.3343
.000				-.4352

K/LB .0580

Y/BA
-.107
-.065
-.064
-.043
-.021
.000





(RB1132)

ARC11-716 1A14 OR112+SIENE+AT1D ORB ATTACH PTS

ALPHAO( 1 ) = -10.250 BETA0 ( 9 ) = 6.090

SECTION ( 1 ) ORB . ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.6500
Y/Bar	
-.107	-.5613
-.085	-.4661
-.064	-.3727
-.043	-.2149
-.021	-.4620
.000	-.7493

ALPHAO( 1 ) = -10.240 BETA0 (10) = 8.120

SECTION ( 1 ) ORB . ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500		
Y/Bar																	
-.277											.3323	.2602	.0607	-.12789			
-.256								.4002			.3333	.3210	-.0228	-.4048			
-.234								.6462			.3250	.3636	-.3571	-.4430			
-.213							.5342				.0705						
-.192								.6792			.2762	.3474	.1102	-.4166			
-.170								.4957			.3271	.3738	.3417	.1109			
-.149											.3164	.3895	.5427	.5685			
-.137															-.4923		
-.085											.2246	.2812	.1930	-.3538	-.5388		
-.064							.0430	-.2040	-.0429	-.2135	.2034	.2373	.1342	-.3637	-.5634		
-.043							.6087	.4769	-.2409	-.3045	-.1811	-.3214	.1673	.1800	.0661	-.3233	-.4114
-.021							.7428	.9020	-.3048	-.4157	-.4058	-.4025	.1318	.1262	.0302	-.2430	-.1877
.000							.7932	.0000	.0000	.0000	.0000	.0000	.1060	.0936	.0713	-.3475	-.2768

K/LB	.6500
Y/Bar	
-.107	-.3936
-.085	-.3736
-.064	-.2226
-.043	-.2019
-.021	-.2294
.000	-.6033



AP-11-716 IA14 OI+I2+S12M23+A110 ORB ATTACH PTS

ALPHA(1) = -10.290 BETA(11) = 10.117

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1100	.1260	.1330	.7860	.7860	.6040	.8110	.6190	.6270	.6350	.6300
Y/BW															
-.277										.4419	.3688	.3224	.1262	-.2397	
-.256								.6664	.6016	.3431	.3696	.3732	.0428	-.3061	
-.234								.8835	.8035	.2954	.3484	.4273	-.3771	-.4626	
-.213							.5475	.6882	.6035	.0000	.1093	.3404	.1920	-.3862	
-.192								.4934	.4934	.3253	.3297	.3629	.3451	.2166	
-.170											.2943	.3399	.4020	.5207	-.4905
-.149											.1815	.2349	.1491	-.3601	-.4460
-.107											.1745	.2014	.0971	-.3898	-.4715
-.095					.1148	-.1265	-.0645				.1431	.1514	.0310	-.3586	-.2893
-.064				.6050	.5119	-.1434	-.2520	-.1418	-.2627		.1083	.0976	-.0038	-.2436	-.0527
-.043				.7299	.9350	-.4487	-.3694	-.3575	-.3029		.0225	.0706	.0369	-.2646	-.2442
-.021				.3644	.7758	.0000	.0000	.0000							
.000															

X/LB .6560

Y/BW	
-.107	-.4018
-.085	-.3709
-.064	-.2535
-.043	-.1509
-.021	-.1634
.000	-.5368

ALPHA(2) = -8.190 BETA(1) = -9.970

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1100	.1260	.1330	.7860	.7860	.6040	.8110	.6190	.6270	.6350	.6300
Y/BW															
-.277															
-.256										.3267	-.2275	-.2422	-.3806	-.5030	
-.234								.0816	-.2758	-.2696	-.2209	-.5040	-.4775		
-.213							.3599	.3981	.6881	.6580	.6096	.6096	.6096	.6096	
-.192								.4735	.5000	.5543	.5950	.5950	.5950	.5950	
-.170											.4325	.4765	.3333	.3975	-.0968
-.149											.4221	.4576	.4752	.3543	-.4418
-.107											.4129	.4362	.3732	.0007	-.4198
-.064					-.6280	-.7520	-.5140	-.4096			.4068	.4215	.562	.0322	-.3478
-.043		.0948	-.7418	-.6829	-.5204	-.4862					.4131	.4276	.4137	-.0382	-.1478
-.021	.5555	.0948	-.7418	-.6829	-.5204	-.4862									
.000	.7776	.6640	-.5871	-.6496	-.5546	-.4656									
	.6870	.7894	.0000	.0000	.0000	.0000									

X/LB .6560

ORIGINAL PAGE IS OF POOR QUALITY

(RB1132)

ARC11-716 IA14 OI+TIE+SIEN25+T110 ORB ATTACH PTS

ALPHAO ( 2 ) = -0.190 BETA0 ( 1 ) = -9.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0900

Y/BW  
 -.107 -.4620  
 -.063 -.2256  
 -.064 -.5498  
 -.043 -.7332  
 -.021 -.7327  
 .000 -.6299

ALPHAO ( 2 ) = -0.200 BETA0 ( 2 ) = -7.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.127  
 -.083  
 -.064  
 -.043  
 -.021  
 .000

-.2786 -.4072 -.3894 -.3901  
 -.3007 -.2425 -.3592 -.4908  
 -.2564 -.2086 -.5031 -.5870  
 .0776 -.2665  
 .3845 .6545 .2050  
 .4482 .0000 .9452 .5752 .0494 -.5754  
 .4844 .5275 .5611 .5903 -.0749  
 .4568 .5226 .5136 .3685  
 .4106 .4517 .4071 -.1467 -.4568  
 .4032 .4377 .3685 -.0924 -.5605  
 .3995 .4226 .3564 -.0157 -.4309  
 .3996 .4109 .3477 .0170 -.3533  
 .4062 .4203 .4038 -.0359 -.1675

X/LB .8500

Y/BW  
 -.107 -.4721  
 -.063 -.2374  
 -.064 -.5397  
 -.043 -.7876  
 -.021 -.7312  
 .000 -.6384





ARC11-716 1A14 01+T12+SIGNES+AT10 ORB ATTACH PTS (RB1132)

ALPHA( 2 ) = -0.8220 BETA( 4 ) = -1.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6560

Y/RW	
-.107	-.5420
-.085	-.3424
-.064	-.3604
-.043	-.6255
-.021	-.7375
.000	-.7116

ALPHA( 2 ) = -0.150 BETA( 5 ) = .010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/RW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .6560

Y/RW	
-.107	-.5342
-.085	-.3900
-.064	-.4170
-.043	-.5960
-.021	-.6197
.000	-.6220



(RB113Z)

ARC11-716 IA14 01+T12+S12N23+AT10 ORB ATTACH PTS

ALPHA( 2 ) = -0.190 BETA( 6 ) = 2.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277											.1825	.1250	-.0784	-.3185	
-0.296										.2120	.1838	.1504	-.1754	-.4274	
-0.234									.3741	.2800	.1930	.2349	-.3440	-.4328	
-0.213					.3164				.4108	.5188	.0442				
-0.192									.3019	.0000	.1652	.2438	.0324	-.4719	
-0.170										.2119	.2004	.2445	.2591	.0925	
-0.149											.2017	.2374	.2869	.3523	
-0.107															-.4503
-0.085											.1534	.1493	.0360	-.3362	-.3532
-0.064											.1491	.1264	.0125	-.3663	-.4111
-0.043											.1402	.1154	-.0002	-.3318	-.4898
-0.021											.1373	.1116	.0171	-.3267	-.4641
.000											.1409	.1177	.0625	-.3239	-.4280

X/LB .8580

Y/BW
-0.107
-0.085
-0.064
-0.043
-0.021
.000

ALPHA( 2 ) = -0.240 BETA( 7 ) = 4.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277											.2749	.2138	.0024	-.2847	
-0.296										.3373	.2836	.2798	-.0958	-.3742	
-0.234									.5777	.4937	.2821	.3373	-.3208	-.3711	
-0.213					.5051				.6266	.8674	.0669				
-0.192									.4773	.0000	.2970	.3731	.1596	-.4467	
-0.170										.3401	.3565	.4287	.5265	.1048	
-0.149											.3520	.4452	.5399	.5865	
-0.107															-.4389
-0.064											.2586	.2901	.1637	-.3358	-.3973
-0.043											.2507	.2334	.1119	-.3628	-.3833
-0.021											.1828	.1792	.0578	-.3105	-.2912
.000											.1526	.1376	.0382	-.2491	-.2370

X/LB .8580

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DATE 08 JAN 79 TABULATED PRESSURE DATA - 1A14A - VOL. 10  
ARC11-716 1A14 01+T18+SIGN25+AT10 ORB ATTACH PTS (RB1132)

ALPHA( 8 ) = -0.840 BETA( 7 ) = 4.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
	-.107
	-.3458
	-.085
	-.2859
	-.064
	-.2255
	-.043
	-.2026
	-.021
	-.2682
	.000
	-.5935

ALPHA( 2 ) = -8.223 BETA( 8 ) = 6.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/BW															
	-.277										.3306	.2695	.0591	-.2794	
	-.256								.4031		.3537	.3162	-.0581	-.3878	
	-.234								.5554		.3412	.3938	-.3291	-.3858	
	-.213								.6801		.0922	.3711	.1456	-.4318	
	-.192							.5443	.5119		.3015	.4114	.4199	.1287	
	-.170								.3565		.3484	.4505	.5851	.6188	
	-.149										.3615	.4505	.5851	.6188	
	-.107										.2842	.3339	.2292	-.3094	-.5060
	-.085										.2538	.2825	.1664	-.3318	-.5421
	-.064										.2182	.2251	.1026	-.2915	-.4045
	-.043										.1834	.1705	.0751	-.2154	-.2762
	-.021										.1505	.1427	.1101	-.3772	-.2941
	.000										.0000	.0000	.0000	.0000	
	.6064														
	.8380														

X/LB	.8580
Y/BW	
	-.107
	-.3653
	-.085
	-.3346
	-.064
	-.1793
	-.043
	-.1892
	-.021
	-.2307
	.000
	-.5920







(RB1132)

ARC11-716 IA14 01-T12+112N5+AT10 ORB ATTACH PTS

ALPHA ( 3 ) = -6.220    BETA ( 2 ) = -7.920

SECTION ( 1 )	ORB ATTACH POINTS	DEPENDENT VARIABLE ( 1 )
X/LB	.0870	.0950
	.1020	.1100
	.1180	.1260
	.1330	.1390
	.1540	.1650
	.1830	.1920
	.2190	.2250
	.2620	.2670
	.3130	.3180
	.3720	.3770
	.4390	.4440
	.5140	.5190
	.5970	.6020
	.6880	.6930
	.7870	.7920
	.8940	.8990
	.1000	.1050
	.1160	.1210
	.1330	.1380
	.1510	.1560
	.1690	.1740
	.1880	.1930
	.2070	.2120
	.2270	.2320
	.2470	.2520
	.2680	.2730
	.2890	.2940
	.3110	.3160
	.3330	.3380
	.3560	.3610
	.3800	.3850
	.4040	.4090
	.4290	.4340
	.4540	.4590
	.4800	.4850
	.5060	.5110
	.5330	.5380
	.5600	.5650
	.5880	.5930
	.6160	.6210
	.6450	.6500
	.6740	.6790
	.7040	.7090
	.7340	.7390
	.7640	.7690
	.7940	.7990
	.8240	.8290
	.8540	.8590
	.8840	.8890
	.9140	.9190
	.9440	.9490
	.9740	.9790
	.1000	.1050

Y/BW

	-.107
	-.4634
	-.085
	-.2376
	-.064
	-.5305
	-.043
	-.7268
	-.021
	-.7237
	.000
	-.6299

ALPHA ( 3 ) = -6.230    BETA ( 3 ) = -5.960

SECTION ( 1 ) ORB ATTACH POINTS    DEPENDENT VARIABLE ( 1 )

X/LB	Y/BW
.0870	.0950
.1020	.1100
.1180	.1260
.1330	.1390
.1540	.1650
.1830	.1920
.2190	.2250
.2620	.2670
.3130	.3180
.3720	.3770
.4390	.4440
.5140	.5190
.5970	.6020
.6880	.6930
.7870	.7920
.8940	.8990
.1000	.1050
.1160	.1210
.1330	.1380
.1510	.1560
.1690	.1740
.1880	.1930
.2070	.2120
.2270	.2320
.2470	.2520
.2680	.2730
.2890	.2940
.3110	.3160
.3330	.3380
.3560	.3610
.3800	.3850
.4040	.4090
.4290	.4340
.4540	.4590
.4800	.4850
.5060	.5110
.5330	.5380
.5600	.5650
.5880	.5930
.6160	.6210
.6450	.6500
.6740	.6790
.7040	.7090
.7340	.7390
.7640	.7690
.7940	.7990
.8240	.8290
.8540	.8590
.8840	.8890
.9140	.9190
.9440	.9490
.9740	.9790
.1000	.1050

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ARC11-716 IA14 01+T18+SI8M25+AT10 ORB ATTACH PTS

(RB1132)

ALPHA( 3 ) = -0.830 BETA( 3 ) = -5.960

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/BW
-.107
-.4914
-.085
-.2862
-.064
-.4948
-.043
-.7362
-.021
-.7444
.000
-.6548

ALPHA( 3 ) = -6.120 BETA( 4 ) = -1.980

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0070 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000
.6351
.6580

-.0922
-.1511
-.2246
-.3082
-.4391
-.5193
-.5853
-.6337
-.6788
-.7187
-.7531
-.7822
-.8066
-.8254
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-.8897
-.8898
-.8899
-.8900

X/LB .6500

Y/BW
-.107
-.5384
-.085
-.3333
-.064
-.3395
-.043
-.6285
-.021
-.7 28
.000
-.7096





DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10  
 ARC11-716 1A14 01+T12+S12MS+AT10 ORB ATTACH PTS (R01132)

ALPHA( 3 ) = -6.120 BETA( 6 ) = 2.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW
.0300	-.4804
.0600	-.3953
.0900	-.3683
.1200	-.4135
.1500	-.3709
.1800	-.6097

ALPHA( 3 ) = -6.110 BETA( 7 ) = 4.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7680	.7960	.8070	.8110	.8190	.8270	.8350	.8500
.0300	-.277											.3104	.2464	.0318	-.2679	
.0600	-.256								.3749			.3209	.3138	-.0708	-.3679	
.0900	-.234								.6011	.5228		.3256	.3811	-.3228	-.3617	
.1200	-.213								.6451	.6637	.359	.359				
.1500	-.192								.4939	.0930	.091	.3668	.1700	-.4268		
.1800	-.170								.3557	.3557	.3555	.4555	.5120	.1341		
.2100	-.149										.3711	.4580	.5605	.6070		
.2400	-.107										.2792	.3041	.1795	-.3264	-.3870	
.2700	-.085										.2385	.2514	.1256	-.3566	-.4011	
.3000	-.064										.2024	.1972	.0719	-.3044	-.2893	
.3300	-.043										.1701	.1525	-.0550	-.2314	-.2161	
.3600	-.021										.1496	.1259	.0809	-.3757	-.3105	
.3900	.000															

X/LB .6580

X/LB	Y/BW
.6580	-.3361
.6880	-.2824
.7180	-.2127
.7480	-.1841
.7780	-.2429
.8080	-.5845





(RB1132)

ARC11-716 IA14 01-T12-S12NS+AT10 ORB ATTACH PTS

ALPHAC( 3) = -6.190 BETA0 ( 8) = 8.090

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.6580
Y/DB	
	-.107
	-.3665
	-.085
	-.3322
	-.084
	-.2071
	-.043
	-.1248
	-.021
	-.1441
	.000
	-.5422

ALPHAC( 3) = -6.170 BETA0 (10) = 10.090

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/DB															
	-.277										.4509	.3953	.1933	-.1983	
	-.256									.5225	.4647	.4600	.1061	-.3790	
	-.234					.7192	.6640	.4376	.5506	-.3320	-.4747				
	-.213						.6015	.7258	.8883	.1938					
	-.192					.5343	.0000	.3675	.3948	.1870	-.3937				
	-.170						.3770	.3816	.4125	.4176	.3407				
	-.149							.3362	.3708	.4818	.5315				
	-.107														-.4176
	-.085									.2259	.2665	.1648	-.3343	-.2742	
	-.064					.1091	-.1367	-.0912	-.1243	.2246	.2358	.1195	-.3655	-.3378	
	-.043		.5951	.5024	-.1429	.2766	-.1488	-.2765		.1988	.1938	.0532	-.3397	-.1952	
	-.021	.7162	.9164	-.4705	-.3973	-.3672	-.4004			.1658	.1470	.0238	-.1963	-.0107	
	.000	.5690	.7638	.0000	.0000	.0000	-.4442			.1300	.1235	.0974	-.2420	-.2126	
X/LB															
Y/DB															
	-.107	-.3783													
	-.085	-.3489													
	-.064	-.2828													
	-.043	-.1312													
	-.021	-.1140													
	.000	-.4955													



CATS OS JAN 75 TABULATED PRESSURE DATA - LA144 - VOL. 1C

ARC11-716 LA14 Q1+T2+S12+25\*AT1C ORB ATTACH PTS (RB1132)

SECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SECTION 1 ORB ATTACH POINTS	0.067	0.051	0.022	0.110	0.115	0.126	0.133	0.138	0.143	0.148	0.153	0.158	0.163	0.168	0.173	0.178	0.183	0.188	0.193	0.198
SECTION 2 ORB ATTACH POINTS																				
SECTION 3 ORB ATTACH POINTS																				
SECTION 4 ORB ATTACH POINTS																				
SECTION 5 ORB ATTACH POINTS																				
SECTION 6 ORB ATTACH POINTS																				
SECTION 7 ORB ATTACH POINTS																				
SECTION 8 ORB ATTACH POINTS																				
SECTION 9 ORB ATTACH POINTS																				
SECTION 10 ORB ATTACH POINTS																				
SECTION 11 ORB ATTACH POINTS																				
SECTION 12 ORB ATTACH POINTS																				
SECTION 13 ORB ATTACH POINTS																				
SECTION 14 ORB ATTACH POINTS																				
SECTION 15 ORB ATTACH POINTS																				
SECTION 16 ORB ATTACH POINTS																				
SECTION 17 ORB ATTACH POINTS																				
SECTION 18 ORB ATTACH POINTS																				
SECTION 19 ORB ATTACH POINTS																				
SECTION 20 ORB ATTACH POINTS																				

K/LB .0300

Y/BW	-0.107	-0.4310	-0.085	-0.2355	-0.064	-0.5309	-0.043	-0.7553	-0.021	-0.7228	0.003	-0.6101
------	--------	---------	--------	---------	--------	---------	--------	---------	--------	---------	-------	---------

ALPHA 41 E -4.870 BETA 0 E -0.020

SECTION 1 ORB ATTACH POINTS DEPENDENT VARIABLE CF

SECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SECTION 1 ORB ATTACH POINTS	0.067	0.051	0.022	0.110	0.115	0.126	0.133	0.138	0.143	0.148	0.153	0.158	0.163	0.168	0.173	0.178	0.183	0.188	0.193	0.198
SECTION 2 ORB ATTACH POINTS																				
SECTION 3 ORB ATTACH POINTS																				
SECTION 4 ORB ATTACH POINTS																				
SECTION 5 ORB ATTACH POINTS																				
SECTION 6 ORB ATTACH POINTS																				
SECTION 7 ORB ATTACH POINTS																				
SECTION 8 ORB ATTACH POINTS																				
SECTION 9 ORB ATTACH POINTS																				
SECTION 10 ORB ATTACH POINTS																				
SECTION 11 ORB ATTACH POINTS																				
SECTION 12 ORB ATTACH POINTS																				
SECTION 13 ORB ATTACH POINTS																				
SECTION 14 ORB ATTACH POINTS																				
SECTION 15 ORB ATTACH POINTS																				
SECTION 16 ORB ATTACH POINTS																				
SECTION 17 ORB ATTACH POINTS																				
SECTION 18 ORB ATTACH POINTS																				
SECTION 19 ORB ATTACH POINTS																				
SECTION 20 ORB ATTACH POINTS																				

K/LB .0300

ARC11-716 IAI4 01-712+512N5+AT10 ORB ATTACH PTS

(R01332)

ALPHA( 4 ) = -4.270 BETA( 2 ) = -9.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BL

-.107  
-.4810  
-.085  
-.2492  
-.064  
-.3195  
-.043  
-.7320  
-.021  
-.7253  
.000  
-.6303

ALPHA( 4 ) = -4.280 BETA( 3 ) = -5.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BL

-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.8220  
.0580  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.5447  
.7629  
.0220  
-.8220  
-.5479  
-.1495  
.6071  
.0000  
-.7039  
-.6522  
-.6021  
-.0000  
-.5022  
-.5242  
-.5403  
-.0000  
-.4282  
-.4692  
-.4985  
-.4520  
-.1992  
-.2355  
-.1976  
.0921  
.4978  
.4978  
.4978  
-.3631  
.3577  
.3517  
.3582  
.3649  
-.3403  
-.2034  
-.1330  
.5174  
.5133  
.4986  
.4643  
-.3954  
-.3024  
-.5001  
.0057  
.4986  
-.1082  
.3337  
-.1965  
.3131  
.2637  
.2788  
.3367  
-.3908  
-.4568  
-.5672  
-.5690  
-.1082  
-.3317  
-.4048  
-.5322  
-.4310  
-.3650  
-.8095  
-.8095

X/LB .8580

Y/BL

-.107  
-.4838  
-.085  
-.2823  
-.064  
-.4823  
-.043  
-.7370  
-.021  
-.6485



TABLETED PRESSURE ON TAILOR VOLUME  
 SECTION 046 ATTACH POINTS DEPENDENT VARIABLE IS

(R21152)

Y/BB	0.870	0.890	0.910	0.930	0.950	0.970	0.990	1.010	1.030	1.050
-270										
-256										
-234										
-211										
-182										
-150										
-149										
-137										
-205										
-204										
-191										
-182										
-200										
-190										
-177										
-164										
-152										
-130										
-110										
-878										
-850										

ALPHA (4) = -4.840 BETA (5) = -1.960

SECTION 046 ATTACH POINTS DEPENDENT VARIABLE IS	0.870	0.890	0.910	0.930	0.950	0.970	0.990	1.010	1.030	1.050
-107										
-105										
-104										
-103										
-102										
-100										
-878										
-850										

ALPHA (4) = -4.840 BETA (5) = -1.960

SECTION 046 ATTACH POINTS DEPENDENT VARIABLE IS	0.870	0.890	0.910	0.930	0.950	0.970	0.990	1.010	1.030	1.050
-277										
-256										
-234										
-213										
-192										
-170										
-149										
-127										
-105										
-104										
-103										
-102										
-100										
-878										
-850										

ALPHA( 4) = -.240 BETA( 3) = -1.160

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 4) = -4.220 BETA( 6) = .020

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

.0906	-.0176	-.1912	-.3424
.0585	-.0182	-.2806	-.4476
.0303	.0497	-.3859	-.4479
.0136			
.1768	.2354	-.1704	-.4794
.1935	.2305	.1899	-.2580
.1888	.2233	.1824	.0698
			-.4804
.1770	.1817	.0749	-.3961
.1755	.1619	.0315	-.3824
.1647	.1485	.0289	-.3747
.1616	.1356	.0289	-.2708
.1613	.1331	.0765	-.2186
			-.4336



TABULATED PRESSURE DATA - IAL14A - VOL. 10

DATE 04 JAN 75

ARC11-716 IAL14 01-712+812NS+AT10 ORB ATTACH PTS

(RB1132)

ALPHA ( 4 ) = -4.395 BETA ( 8 ) = 4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277												.2387	.1762	-.0189	-.2717	
-.256										.2703		.2490	.2202	-.1218	-.3982	
-.234									.4170	.3405		.2516	.3094	-.3377	-.4392	
-.215												.1024				
-.192									.3532	.5570	.0000	.2071	.2680	.0618	-.4485	
-.170											.2459	.2328	.2685	.2796	.1517	
-.149												.2284	.2670	.3166	.3560	
-.107												.1703	.1654	.0461	-.3262	-.4348
-.085												.1665	.1410	.0233	-.3500	-.3611
-.064												.1544	.1261	.0109	-.3169	-.4126
-.043												.1539	.1197	.0112	-.3125	-.4172
-.021												.1544	.1197	.0674	-.3074	-.4160
.000																

X/LB .0580

Y/BW
-.107
-.4746
-.085
-.3785
-.064
-.3552
-.043
-.3991
-.021
-.3465
.000
-.3622

ALPHA ( 4 ) = -4.310 BETA ( 8 ) = 4.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277												.3335	.2700	.0539	-.2569	
-.256										.4017		.3460	.3346	-.0515	-.3573	
-.234										.6166	.5446	.3388	.4101	-.3279	-.3594	
-.215												.1359				
-.192									.5393	.6576	.0000	.1127	.3988	.1731	-.4094	
-.170										.9023	.3694	.1466	.4406	.4565	.1587	
-.149												.2793	.4642	.5733	.6215	
-.107												.2931	-.221	.1946	-.3051	-.3671
-.085												.2402	.2635	.1351	-.3339	-.3630
-.064												.2176	.2122	.0930	-.2892	-.2453
-.043												.1894	.1647	.0632	-.2114	-.1856
-.021												.1661	.1375	.0935	-.3609	-.2864
.000																

X/LB .0580

ORIGINAL PAGE IS OF POOR QUALITY

(RB1132)

ARC11-716 IA14 01+T18+SIGN25+AT10 ORB ATTACH: PTS

ALPHA( 4) = -4.310 BETA( 8) = 4.040

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6360

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 4) = -4.220 BETA( 8) = 6.060

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

.4501
.4686
.4527
.2143
.3808
.3977
.3713
.2857
.2803
.2405
.2087
.1837

.5247
.6636
.7156
.7257
.8909
.0000
.4003

.6082
.5468
.4003
.0284
-.2233
-.1110
-.2268
-.3674
-.1878
-.3443
-.4318
-.4481

.3867
.4766
.5455
.4175
.4352
.4209
.3260
.2867
.2424
.1916
.1667
.1657
.0765
-.3554
-.4594
-.3928
.3305
.6104
-.2953
-.3142
-.3659
-.2416
-.1925
-.0399
-.2792
-.1986

X/LB .8560

Y/BW
-.107
-.085
-.064
-.043
-.021
.000





ARC11-716 IA14 01+T12+S12N25+AT10 ORB ATTACH PTS

(RB1132)

ALPHA( 5) = -2.920 BETA( 1) = -10.000

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/BW	
-.107	-.4425
-.085	-.2356
-.084	-.5340
-.043	-.7314
-.021	-.7148
.000	-.6586

ALPHA( 5) = -2.930 BETA( 2) = -8.000

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7960 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .6500

Y/BW	
-.107	-.4624
-.085	-.2514
-.084	-.5144
-.043	-.7344
-.021	-.7267
.000	-.6313



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10  
 ARC11-716 IAL14 01+T1E+31N25+AT1D ORS ATTACH PTS (R81132)

ALPHA( 3 ) = -2.930 BETA( 3 ) = -3.770  
 SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	0955	1020	1100	1180	1260	1330	7880	7960	8040	8110	8190	8270	8350	8500
-.277	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.236								.3442	.4326	.6680	.1075	-.3299	-.3782	-.3692	
-.234								.4500	-.4300	.2000	.5139	-.5379	.0169	-.5634	
-.213								.5989	-.4954	.4954	.4228	.4943	.4791	-.3470	
-.192									.3744	.4094	.3467	.4084	.3467	-.1854	
-.149									.3672	.3891	.3216	.3672	.3216	-.1438	
-.107									-.5477	-.7139	-.5316	-.4444	-.5415	-.5415	
-.085									.5424	.1472	-.6615	-.6623	-.5308	-.4825	
-.064									.7583	.6123	-.6135	-.5946	-.5300	-.5111	
-.043									.7960	.0000	.0000	.0000	-.4675	-.4675	
-.021									.8190	.0000	.0000	.0000	.0000	.0000	
.000															
X/LB									.8580						

ALPHA( 3 ) = -2.910 BETA( 4 ) = -3.960  
 SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	0955	1020	1100	1180	1260	1330	7880	7960	8040	8110	8190	8270	8350	8500
-.277	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.236								.2932	.3944	.6220	.0000	-.1535	-.2946	-.4153	-.4386
-.234								.4152	-.1497	-.1742	-.2058	-.2191	-.2848	-.4363	
-.213								.4203	.4950	.4950	.5036	-.0013	-.5597	-.5494	
-.192								.4038	.4778	.4893	.4853	-.1450	-.1450		
-.149								.4638	.4705	.4705	.4583	.4583	.2967	-.2544	
-.107								.3571	.3963	.3400	.3571	.3963	.3400	-.2221	-.5132
-.085								.3496	.3739	.3117	.3496	.3739	.3117	-.1759	-.8087
-.064								.3386	.3549	.2717	.3386	.3549	.2717	-.1148	-.4967
-.043								.3309	.3313	.2565	.3309	.3313	.2565	-.0998	-.3694
-.021								.3334	.3313	.2928	.3334	.3313	.2928	-.0926	-.8252
.000															
X/LB									.8580						





DATE 05 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10

(R01132)

ARC11-716 IAL4 01+T12+S12N2+AT10 ORB ATTACH PTS

ALPHAD ( 5 ) = -2.810 BETA0 ( 5 ) = 2.030

SECTION : 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW	X/LB	ORBITAL ATTACH POINTS	DEPENDENT VARIABLE CP											
.0870	.0895	.1020	.1100	.1180	.1260	.1330	.7580	.7950	.8040	.8110	.8190	.8270	.8350	.8500
-.277										.0683	-.0016	-.1739	-.3276	
-.256									.1023	.0686	-.0076	-.2725	-.4428	
-.234								.2176	.1252	.0444	.0605	-.3719	-.4475	
-.213							.2192	.2715	.3397	.0271				
-.192								.2230	.3000	.1798	.2396	-.1673	-.4706	
-.170								.1981		.1966	.2290	.1909	-.2544	
-.149										.1958	.2264	.1800	.0673	-.4743
-.127										.1777	.1790	.0710	-.3931	-.5099
-.065										.1751	.1603	.0478	-.3797	-.5533
-.064										.1661	.1467	-.0241	-.3109	-.5681
-.043										.1617	.1340	.0295	-.2673	-.4988
-.021										.1494	.1333	.0741	-.2133	-.4354
.000	.6146	.6213	.6000	.6000	.6000	.4629								

X/LB .8560

Y/BW

-.107	-.4910
-.085	-.3682
-.064	-.3620
-.043	-.5232
-.021	-.5784
.000	-.5748

ALPHAD ( 5 ) = -2.810 BETA0 ( 7 ) = 2.030

SECTION : 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW	X/LB	ORBITAL ATTACH POINTS	DEPENDENT VARIABLE CP											
.0870	.0895	.1020	.1100	.1180	.1260	.1330	.7580	.7950	.8040	.8110	.8190	.8270	.8350	.8500
-.277										.2535	.1992	-.0025	-.2560	
-.256									.2878	.2651	.2383	-.1041	-.3925	
-.234								.4299	.3616	.2638	.3295	-.3486	-.4417	
-.213							.3693	.4515	.5630	.1094				
-.192								.3438	.0000	.2149	.2710	.0734	-.4493	
-.170									.2540	.2437	.2730	.2859	.1613	
-.149										.2412	.2727	.3209	.3669	-.4389
-.127										.1809	.1718	.0497	-.3308	-.3233
-.065										.1683	.1494	.0249	-.3512	-.3537
-.064										.1580	.1344	.0095	-.3196	-.4047
-.043										.1547	.1257	.0172	-.3072	-.4136
-.021										.1575	.1262	.0682	-.3075	-.4179
.000	.5949	.6115	.6000	.6000	.6000	.4658								

X/LB .8580



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA164 - VOL. 10

(RB11132)

ARC11-716 IA14 O1\*112\*512M25\*AT10 ORB ATTACH PTS

ALPHA( 9 ) = -2.810 BETA( 7 ) = 2.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8100

Y/BW  
-.107 -.4864  
-.085 -.3786  
-.064 -.3478  
-.043 -.3926  
-.021 -.5414  
.000 -.5722

ALPHA( 9 ) = -2.980 BETA( 8 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.127  
-.085  
-.064  
-.043  
-.021  
-.000  
-.5844 .8009 .0000 .0000 .0000  
-.1817 -.4450 -.1170 -.2978  
.5848 .3755 -.4516 -.5341 -.2721 -.3803  
.7470 .7627 -.6237 -.4980 -.4676 -.4234  
.0000 .0000 .0000 .0000 .0000 .0000  
-.4632  
-.5725

X/LB .8500

Y/BW  
-.107 -.4869  
-.085 -.4135  
-.064 -.3892  
-.043 -.2964  
-.021 -.3408  
.000 -.6146



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+T12+S1E23+AT10 ORB ATTACH PTS  
(RB1132)

ALPHA (5) = -.2922 BETA (10) = 0.1110

SECTION : 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

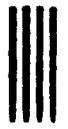
X/LB	Y/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.087	-.064	-.043	-.021	.000	.0614	.7890	.0000
X/LB	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.087	-.064	-.043	-.021	.000	.0614	.7890	.0000
Y/LB	-.4142	-.4279	-.4245	-.4181	-.4101	-.4057	-.3991	-.3901	-.3866	-.3882	-.3236	-.3036	-.2692	-.2412	-.2199	-.2199
X/LB	-.4142	-.4279	-.4245	-.4181	-.4101	-.4057	-.3991	-.3901	-.3866	-.3882	-.3236	-.3036	-.2692	-.2412	-.2199	-.2199
Y/LB	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716
X/LB	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716	-.1716
Y/LB	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961
X/LB	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961

ALPHA (5) = -.2922 BETA (10) = 0.1110

SECTION : 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.087	-.064	-.043	-.021	.000	.0614	.7890	.0000
X/LB	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.087	-.064	-.043	-.021	.000	.0614	.7890	.0000
Y/LB	-.4669	-.4650	-.4746	-.4713	-.4609	-.4341	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318
X/LB	-.4669	-.4650	-.4746	-.4713	-.4609	-.4341	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318	-.4318
Y/LB	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961
X/LB	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961	-.3961

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DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(RB1132)

ARCIS-715 IAI4 DU+T12+S12R25+AT10 ORB ATTACH PTS

ALPHA (1) = -.750 BETA (2) = 10.010

SECTION	112RB	ATTACH POINTS	DEPENDENT VARIABLE (1)	SECTION	112C	ATTACH POINTS	DEPENDENT VARIABLE (2)
Y/B =							
-1.877							
-1.256							
-1.234							
-1.213							
-1.192							
-1.170							
-1.149							
-1.127							
-1.105							
-1.084							
-1.062							
-1.041							
-1.020							
-1.000							
Y/B =							
-1.877							
-1.256							
-1.234							
-1.213							
-1.192							
-1.170							
-1.149							
-1.127							
-1.105							
-1.084							
-1.062							
-1.041							
-1.020							
-1.000							

K/LB = .8560

- Y/B =
- 1.107
- 1.085
- 1.064
- 1.043
- 1.021
- 1.000

ALPHA (2) = -.740 BETA (2) = -9.040

SECTION 112RB ATTACH POINTS DEPENDENT VARIABLE (1)

SECTION	112C	ATTACH POINTS	DEPENDENT VARIABLE (2)
Y/B =			
-1.877			
-1.256			
-1.234			
-1.213			
-1.192			
-1.170			
-1.149			
-1.127			
-1.105			
-1.084			
-1.062			
-1.041			
-1.020			
-1.000			
Y/B =			
-1.877			
-1.256			
-1.234			
-1.213			
-1.192			
-1.170			
-1.149			
-1.127			
-1.105			
-1.084			
-1.062			
-1.041			
-1.020			
-1.000			

K/LB = .8580

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ARC11-716 IA14 OI+I12+S12N25\*ATIO ORB ATTACH PTS

(R01132)

ALPHA( 6) = -.700 BETA( 5) = -2.010

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 6) = -.690 BETA( 6) = .040

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW													
-.277									.0907	.0231	-.1475	-.3056	
-.256							.1271		.0943	.0242	-.2486	-.4234	
-.234						.2375	.1492		.0678	.0652	-.3567	-.4281	
-.213						.2346	.3490		.0567				
-.192						.2362	.0000		.1785	.2352	-.1606	-.4764	
-.170							.2043		.1971	.2314	.1818	-.2583	
-.149									.1953	.2229	.1739	.0618	
-.107													-.4663
-.085									.1765	.1759	.0657	-.3944	-.4795
-.064									.1722	.1376	.0431	-.3815	-.5240
-.043						.5783	.2754	-.3646	.1693	.1432	.0256	-.3085	-.5492
-.021						.7631	.6577	-.5766	.1650	.1288	.0246	-.2627	-.4943
.000						.6136	.0000	-.5499	.1631	.1283	.0659	-.8120	-.4330
							.0000	-.5260					
								-.4375					
								-.4712					

X/LB .6580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000



ARC11-716 IA14 OI+712+S12N25+AT10 ORB ATTACH PTS (RB1132)

ALPHA ( 5 ) = -.890 BETA ( 7 ) = 2.030

SECTION ( 1 ) ORB. ATTACH POINTS. DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	.2855								.3215			.2855	.2297	.0316	-.2388	
-.256	.2984								.4667			.2984	.2779	-.0682	-.3923	
-.234	.2888								.4804			.2888	.3707	-.3586	-.4502	
-.213	.2355								.3703			.2355	.2864	.0887	-.4429	
-.192	.2513								.2780			.2513	.2937	.2972	.1917	
-.170	.2565											.2565	.2918	.3491	.3981	
-.149																-.4318
-.107												.1870	.1866	.0624	-.3379	-.3115
-.085												.1825	.1633	.0536	-.3494	-.3350
-.064												.1899	.1415	.0151	-.3107	-.3027
-.043												.1650	.1274	.0215	-.5017	-.3931
-.021												.1835	.1325	.0704	-.2967	-.1141
.000																

X/LB .8580

ALPHA ( 6 ) = -.710 BETA ( 6 ) = 4.060

SECTION ( 1 ) ORB. ATTACH POINTS. DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.107	-.4589								.5687			.3780	.3092	.0911	-.2351	
-.085	-.3749								.7423			.3854	.3720	-.0121	-.3495	
-.064	-.3345								.6943			.3970	.4580	-.3461	-.3709	
-.043	-.3782											.1710				
-.021	-.4959											.3509	.4142	.1768	-.4013	
.000	-.5440											.4372	.4452	.4776	.1722	
												.4301	.4759	.5859	.6382	
												.3247	.3511	.2307	-.2984	-.3794
												.2951	.3011	.1722	-.3287	-.4021
												.2559	.2520	.1156	-.2601	-.2665
												.2253	.2012	.0970	-.2002	-.1863
												.2022	.1745	.1274	-.3556	-.2791

X/LB .8580

X/LB .8580



ARC11-716 IA14 O1+T18+S12N25+AT10 ORB ATTACH PTS

(RB1132)

ALPHA( 8 ) = -.710 BETA( 8 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BW	
-.107	-.3158
-.085	-.2872
-.064	-.1804
-.043	-.1556
-.021	-.2140
.000	-.5714

ALPHA( 9 ) = -.720 BETA( 9 ) = 6.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8270 .8350 .8900

Y/BW													
-.277									.4426	.3750	.1537	-.2064	
-.256								.5184	.4596	.4437	.0585	-.3304	
-.234							.7049	.6431	.4504	.5327	-.3569	-.4293	
-.213						.6079	.7175	.8773	.2218				
-.192							.5522	.0000	.3832	.4295	.2202	-.3906	
-.170								.4138	.4097	.4505	.4482	.2899	
-.149									.4051	.4649	.6055	.6691	
-.107													-.3881
-.085									.3569	.3714	.2578	-.2706	-.3197
-.064									.3160	.3310	.2071	-.3050	-.3698
-.043							.5845	.4248	-.3592	-.5280	-.2210	-.3948	
-.021							.7333	.8306	-.6449	-.5163	-.4805	-.4753	
.000							.7860	.0000	.0000	.0000			

X/LB .8500

Y/BW	
-.107	-.3322
-.085	-.2946
-.064	-.1660
-.043	-.1052
-.021	-.1466
.000	-.5433







ARC11-716 IAI14 OI+T12+S12N23+AT10 ORB ATTACH PTS

(RB1132)

ALPHA ( 7 ) = 5.083 BETA ( 3 ) = -8.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.236														
	-.234														
	-.192														
	-.172														
	-.149														
	-.107														
	-.083														
	-.064														
	-.042														
	-.021														
	.003														
	.5983	.7833	.8200	.8500	.8800	.9100	.9300								
X/LB	.6580														

ALPHA ( 7 ) = 2.000 BETA ( 3 ) = -5.990

SECTION ( 2 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.5870	.5950	.6020	.6100	.6180	.6260	.6330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.236														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
	.9979	.7928	.8000	.8000	.8000	.8000	.8000								
X/LB	.8590														

(R81132)

ARC11-716 IA14 01+T12+S12N25+T10 ORB ATTACH PTS

ALPHA( 7 ) = 2.080 BETA ( 3 ) = -5.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0360

Y/BW	
-.107	-.4889
-.085	-.2646
-.064	-.4465
-.043	-.7169
-.021	-.7269
.000	-.6317

ALPHA( 7 ) = 1.940 BETA ( 4 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .796C .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.877														
-.836														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .0360

Y/BW	
-.107	-.4861
-.085	-.2823
-.064	-.4527
-.043	-.6937
-.021	-.7276
.000	-.6570



TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1132)

ARC11-716 IA14 01+T12+312M25+AT10 ORB ATTACH PTS

ALPHA ( 5 ) = 1.950 BETAS ( 5 ) = -0.000

SECTION ( 5 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0930	.1020	.1100	.1130	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/Bk															
-1.277															
-1.256															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.128															
-1.106															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															

K/LB .8580

Y/Ew

- 1.107 -1.9939
- 1.265 -3.0779
- 1.064 -3.6665
- 1.043 -6.3342
- 1.021 -6.9993
- 1.000 -6.6885

ALPHA ( 7 ) = 1.950 BETAS ( 6 ) = .040

SECTION ( 5 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0930	.1020	.1100	.1190	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/Bk															
-1.277															
-1.256															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.128															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															

K/LB .8580

(RB1132)

ARC11-716 IA14 01+TIE+SIGNE3+AT10 ORB ATTACH PTS

ALPHA0 ( 7 ) = 1.850 BETA0 ( 8 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW  
-.107 -.4616  
-.085 -.3611  
-.084 -.3397  
-.043 -.4712  
-.021 -.5368  
.000 -.5298

ALPHA0 ( 7 ) = 1.930 BETA0 ( 7 ) = 2.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000

.5695  
.7956 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000

.3421  
.4336  
.6429  
.0000  
.2992

.4385  
.4041

.3026  
.3036  
.3799  
.2903  
.1050  
.2437  
.2806  
.2843  
.2188  
.2037  
.1894  
.1814  
.1799

.8456  
.2902  
.3759  
.2903  
.1050  
.3014  
.3131  
.3254  
.2178  
.1808  
.1598  
.1431  
.1423

.0508  
-.0479  
-.3695  
-.4447  
.1044  
.3386  
.3920  
.0926  
-.0569  
.0310  
.0310  
.0775

-.2494  
-.3816  
-.4447  
-.4476  
.1736  
.4340  
-.3273  
-.3304  
-.3769  
-.2881  
-.2912  
-.3996  
-.4406  
-.3240

X/LB .8580

Y/BW  
-.107 -.4335  
-.085 -.3878  
-.084 -.3738  
-.043 -.3485  
-.021 -.4785  
.000 -.5449



ARC11-716 IA14 01+T112+S12425+AT110 ORB ATTACH PTS (RB11132)

ALPHA (7) = 1.930 BETA (9) = 4.375

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.127	-.085	-.064	-.043	-.021	.000	.5334	.7880
X/LB	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360

ALPHA (7) = 1.960 BETA (9) = 6.100

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.107	-.085	-.064	-.043	-.021	.000	.5334	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
X/LB	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360	.0360

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(N81132)

ARC11-716 IA14 OI+718+812+5\*AT10 ORB ATTACH PTS

ALPHA( 7) = 1.980 BETA( 8) = 6.100

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.8380
Y/BW	
-107	-.4840
-085	-.4242
-064	-.4180
-043	-.1822
-021	-.2129
.000	-.5662

ALPHA( 7) = 1.950 BETA( 10) = 6.100

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0470	.0690	.1020	.1100	.1160	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
-277											.5138	.4903	.2135	-.1633	
-256								.5960			.5393	.5270	.1300	-.3263	
-234								.7649	.7164		.5231	.6389	-.3366	-.4344	
-213								.6596	.7639	.6965	.2811				
-192									.5885	.0000	.4352	.4631	.1746	-.3941	
-170										.4437	.4450	.4707	.4611	.3422	
-149											.4068	.4329	.5128	.5292	
-107															-.3838
-085											.3102	.3455	.2204	-.3337	-.2813
-064											.3113	.3084	.1769	-.3443	-.3038
-043											.2793	.2682	.1177	-.2994	-.1664
-021											.2443	.2226	.0936	-.1464	.0012
.000	.3280	.7488	.0000	.0000	.0000	-.5300	-.5300				.2191	.1986	.1624	-.2447	-.1798

K/LB	.8380
Y/BW	
-107	-.3365
-085	-.3113
-064	-.1929
-043	-.1112
-021	-.1088
.000	-.5015





ARC11-716 IALIA 01\*118+SIGN\*AT10 ORB ATTACH PTS (RB1132)

ALPHA( 8 ) = 3.970 BETA( 1 ) = -9.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/BW
-.107
-.083
-.064
-.043
-.021
.000

ALPHA( 8 ) = 3.990 BETA( 2 ) = -6.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1350 .7840 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

X/LB .6500

Y/BW
-.107
-.085
-.064
-.043
-.021
.000



ARC11-716 IAIK OI+12+SIGN\*ATIO OR8 ATTACH RT3 (R01132)

ALPHAS ( 0 ) = 3.970 BETA ( 3 ) = -1.070

SECTION ( 1 ) OR8 ATTACH ( 1 ) RT3 DEPENDENT VARIABLE OR8

R/LB .0070 .0583 .1020 .1100 .1130 .1200 .1250 .1330 .1780 .796 .8040 .8110 .8190 .8270 .8350 .8500

Y/B	-1.877	-1.896	-1.915	-1.934	-1.953	-1.972	-1.991	-2.010	-2.029	-2.048	-2.067	-2.086	-2.105	-2.124	-2.143	-2.162	-2.181	-2.200	-2.219	-2.238	-2.257	-2.276	-2.295	-2.314	-2.333	-2.352	-2.371	-2.390	-2.409	-2.428	-2.447	-2.466	-2.485	-2.504	-2.523	-2.542	-2.561	-2.580	-2.599	-2.618	-2.637	-2.656	-2.675	-2.694	-2.713	-2.732	-2.751	-2.770	-2.789	-2.808	-2.827	-2.846	-2.865	-2.884	-2.903	-2.922	-2.941	-2.960	-2.979	-2.998	-3.017	-3.036	-3.055	-3.074	-3.093	-3.112	-3.131	-3.150	-3.169	-3.188	-3.207	-3.226	-3.245	-3.264	-3.283	-3.302	-3.321	-3.340	-3.359	-3.378	-3.397	-3.416	-3.435	-3.454	-3.473	-3.492	-3.511	-3.530	-3.549	-3.568	-3.587	-3.606	-3.625	-3.644	-3.663	-3.682	-3.701	-3.720	-3.739	-3.758	-3.777	-3.796	-3.815	-3.834	-3.853	-3.872	-3.891	-3.910	-3.929	-3.948	-3.967	-3.986	-3.999
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R/LB .8580

Y/B	-1.107	-1.126	-1.145	-1.164	-1.183	-1.202	-1.221	-1.240	-1.259	-1.278	-1.297	-1.316	-1.335	-1.354	-1.373	-1.392	-1.411	-1.430	-1.449	-1.468	-1.487	-1.506	-1.525	-1.544	-1.563	-1.582	-1.601	-1.620	-1.639	-1.658	-1.677	-1.696	-1.715	-1.734	-1.753	-1.772	-1.791	-1.810	-1.829	-1.848	-1.867	-1.886	-1.905	-1.924	-1.943	-1.962	-1.981	-1.999	-2.018	-2.037	-2.056	-2.075	-2.094	-2.113	-2.132	-2.151	-2.170	-2.189	-2.208	-2.227	-2.246	-2.265	-2.284	-2.303	-2.322	-2.341	-2.360	-2.379	-2.398	-2.417	-2.436	-2.455	-2.474	-2.493	-2.512	-2.531	-2.550	-2.569	-2.588	-2.607	-2.626	-2.645	-2.664	-2.683	-2.702	-2.721	-2.740	-2.759	-2.778	-2.797	-2.816	-2.835	-2.854	-2.873	-2.892	-2.911	-2.930	-2.949	-2.968	-2.987	-3.006	-3.025	-3.044	-3.063	-3.082	-3.101	-3.120	-3.139	-3.158	-3.177	-3.196	-3.215	-3.234	-3.253	-3.272	-3.291	-3.310	-3.329	-3.348	-3.367	-3.386	-3.405	-3.424	-3.443	-3.462	-3.481	-3.500	-3.519	-3.538	-3.557	-3.576	-3.595	-3.614	-3.633	-3.652	-3.671	-3.690	-3.709	-3.728	-3.747	-3.766	-3.785	-3.804	-3.823	-3.842	-3.861	-3.880	-3.899	-3.918	-3.937	-3.956	-3.975	-3.994	-4.013	-4.032	-4.051	-4.070	-4.089	-4.108	-4.127	-4.146	-4.165	-4.184	-4.203	-4.222	-4.241	-4.260	-4.279	-4.298	-4.317	-4.336	-4.355	-4.374	-4.393	-4.412	-4.431	-4.450	-4.469	-4.488	-4.507	-4.526	-4.545	-4.564	-4.583	-4.602	-4.621	-4.640	-4.659	-4.678	-4.697	-4.716	-4.735	-4.754	-4.773	-4.792	-4.811	-4.830	-4.849	-4.868	-4.887	-4.906	-4.925	-4.944	-4.963	-4.982	-5.001	-5.020	-5.039	-5.058	-5.077	-5.096	-5.115	-5.134	-5.153	-5.172	-5.191	-5.210	-5.229	-5.248	-5.267	-5.286	-5.305	-5.324	-5.343	-5.362	-5.381	-5.400	-5.419	-5.438	-5.457	-5.476	-5.495	-5.514	-5.533	-5.552	-5.571	-5.590	-5.609	-5.628	-5.647	-5.666	-5.685	-5.704	-5.723	-5.742	-5.761	-5.780	-5.799	-5.818	-5.837	-5.856	-5.875	-5.894	-5.913	-5.932	-5.951	-5.970	-5.989	-5.999
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ALPHAS ( 0 ) = 3.932 BETA ( 4 ) = -3.990

SECTION ( 1 ) OR8 ATTACH ( 1 ) RT3 DEPENDENT VARIABLE OR8

R/LB .0070 .0583 .1020 .1100 .1130 .1200 .1250 .1330 .1780 .796 .8040 .8110 .8190 .8270 .8350 .8500

Y/B	-1.877	-1.896	-1.915	-1.934	-1.953	-1.972	-1.991	-2.010	-2.029	-2.048	-2.067	-2.086	-2.105	-2.124	-2.143	-2.162	-2.181	-2.200	-2.219	-2.238	-2.257	-2.276	-2.295	-2.314	-2.333	-2.352	-2.371	-2.390	-2.409	-2.428	-2.447	-2.466	-2.485	-2.504	-2.523	-2.542	-2.561	-2.580	-2.599	-2.618	-2.637	-2.656	-2.675	-2.694	-2.713	-2.732	-2.751	-2.770	-2.789	-2.808	-2.827	-2.846	-2.865	-2.884	-2.903	-2.922	-2.941	-2.960	-2.979	-2.998	-3.017	-3.036	-3.055	-3.074	-3.093	-3.112	-3.131	-3.150	-3.169	-3.188	-3.207	-3.226	-3.245	-3.264	-3.283	-3.302	-3.321	-3.340	-3.359	-3.378	-3.397	-3.416	-3.435	-3.454	-3.473	-3.492	-3.511	-3.530	-3.549	-3.568	-3.587	-3.606	-3.625	-3.644	-3.663	-3.682	-3.701	-3.720	-3.739	-3.758	-3.777	-3.796	-3.815	-3.834	-3.853	-3.872	-3.891	-3.910	-3.929	-3.948	-3.967	-3.986	-3.999
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R/LB .8580



TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1132)

ARC11-716 IA14 OI+TI12+S12H25+AT10 ORB ATTACH PTS

ALPHA( 8 ) = 2.930 BETA( 4 ) = -3.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8380

Y/BW	
-.107	-.4758
-.085	-.2768
-.064	-.4539
-.043	-.6836
-.021	-.7135
.000	-.6518

ALPHA( 8 ) = 3.930 BETA( 5 ) = -2.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB

Y/BW	
-.277	
-.256	
-.234	
-.213	
-.192	
-.170	
-.149	
-.107	
-.085	
-.064	
-.043	
-.021	
.000	

.0870	.0950	.1080	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
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-.0027	-.1193	-.2864	-.3982											
.0153	-.0626	-.1546	-.2567	-.4468										
.1901	-.0274	-.0919	-.0657	-.4732	-.5095									
.3266	.4248	-.0574												
.3284	.3490	.3654	-.0965	-.5235										
	.3253	.3381	.3362	.3363	-.1904									
	.3019	.3397	.3153	.1640										
	.3032	.3181	.2322	-.2848	-.4781									
	.3088	.3114	.2231	-.2466	-.5887									
	.3160	.3093	.2082	-.1703	-.9111									
	.3140	.3057	.2147	-.1368	-.4178									
	.3240	.3140	.2698	-.1218	-.2737									

X/LB .8380

Y/BW	
-.107	-.4939
-.085	-.3128
-.064	-.4868
-.043	-.6671
-.021	-.6813
.000	-.6870



DATE 06 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-716 IAI1 ON+T12+312M25+AT10 ORB ATTACH PTS (R011132)

ALPHA ( 8 ) = 3.940 BETA ( 8 ) = .040

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.1374	.0708	-.0993	-.2802	
-.256								.1737			.1374	.0766	-.2067	-.4038	
-.234							.282A				.1238	1412	-.3304	-.4229	
-.213							.3211				.1038				
-.192							.2761				.1999	.2545	-.1450	-.4703	
-.170							.2764				.2324	.2528	-.1984	-.1937	
-.149											.2283	.2523	.2040	.1173	
-.107											.2148	.2089	.0965	-.3759	-.4523
-.085											.2096	.1917	.0791	-.3661	-.5232
-.064											.2030	.1779	.0560	-.2949	-.5441
-.043											.1985	.1656	.0527	-.2502	-.4827
-.021											.1950	.1694	.1013	-.1932	-.4205
.000															

X/LB .8580

Y/BW

-.107	-.4333
-.085	-.3491
-.064	-.3331
-.043	-.4868
-.021	-.5575
.000	-.5567

ALPHA ( 8 ) = 4.030 BETA ( 7 ) = 2.050

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.3003	.2475	.0808	-.2317	
-.256								.3452			.2931	.2645	-.0349	-.3628	
-.234								.4331			.2687	.3660	-.3703	-.4475	
-.213							.4541				.0365				
-.192								.6745			.2386	.3074	.0950	-.4520	
-.170								.0000			.2859	.3199	.3528	.1284	
-.149								.3091			.3017	.3479	.4089	.4820	
-.107											.2349	.2322	.1156	-.3363	-.3348
-.085											.2171	.1979	.0739	-.3593	-.3687
-.064											.2045	.1758	.0441	-.3050	-.3983
-.043											.1914	.1537	.0439	-.2846	-.3872
-.021											.1896	.1532	.0844	-.2825	-.3988
.000															

X/LB .8580

(RB1132)

ARC11-716 1A14 01+712+8125+AT10 ORB ATTACH PTS

ALPHA( 8 ) = 4.030 BETA( 7 ) = 2.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE C.

X/LB	.8580
Y/BA	
	-.107
	-.4598
	-.085
	-.3639
	-.084
	-.3114
	-.043
	-.3422
	-.021
	-.4870
	.000
	-.5260

ALPHA( 8 ) = 4.080 BETA( 8 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA														
	-.277									.4113	.3463	.1352	-.2180	
	-.258							.4752		.4170	.3984	.0443	-.3523	
	-.234							.6683	.5943	.4036	.4914	-.3533	-.4079	
	-.213							.6832	.8411	.1850				
	-.192					.5782		.5280	.0000	.3559	.4059	.1791	-.4018	
	-.170							.4029		.3916	.4309	.4378	.2120	
	-.149									.4002	.4646	.5803	.6451	
	-.107													-.3637
	-.085									.3339	.3698	.2555	-.2774	-.3478
	-.064									.3098	.3212	.2017	-.3047	-.4216
	-.043		.5324	.3945	-.3964	-.6509	-.2982	-.4398		.2756	.2757	.1420	-.2598	-.2952
	-.021		.7070	.7660	-.7317	-.5967	-.5476	-.5102		.2474	.2305	.1202	-.1849	-.2042
	.000		.7811	.0000	.0000	.0000	.5284			.2281	.2030	.1551	-.3533	-.2634

X/LB	.8580
Y/BA	
	-.107
	-.3123
	-.085
	-.2642
	-.084
	-.1706
	-.043
	-.1391
	-.021
	-.1983
	.000
	-.5638



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAL14A - VOL. 1D

(R01132)

ARC11-716 IAL14 01+112+312M25+AT10 ORB ATTACH PTS

ALPHA ( 8 ) = 4.010 BETA ( 9 ) = 6.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277										.4784	.4106	.1	0	-.1796
	-.256								.5501		.4992	.4801	.0994	-.3378	
	-.234							.7257			.4815	.5805	-.3433	-.4399	
	-.213							.6266	.7327	.8797	.2566				
	-.192								.5648	.0000	.4048	.4500	.2520	-.3612	
	-.170								.4346		.4310	.4693	.4779	.3648	
	-.149										.4147	.4642	.5964	.6958	
	-.127														-.3607
	-.085										.3454	.3750	.2564	-.2650	-.2373
	-.064										.3233	.3401	.2052	-.3046	-.3011
	-.043										.2952	.2910	.1492	-.2622	-.1953
	-.021										.2651	.2458	.1315	-.1515	-.0555
	.000										.2418	.2266	.1923	-.2961	-.1815

X/LB .8580

Y/BW	-.3309	-.3024	-.1888	-.1026	-.1275	-.5252

ALPHA ( 8 ) = 4.060 BETA ( 10 ) = 6.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277										.5271	.4566	.2291	-.1533	
	-.256								.6006		.5507	.5323	.1338	-.3282	
	-.234							.7673			.5278	.6550	-.3233	-.4355	
	-.213							.6593	.7609	.8539	.2790				
	-.192								.5852	.0000	.4301	.4553	.1562	-.3707	
	-.170								.4432		.4378	.4640	.4466	.3053	
	-.149										.4148	.4275	.4940	.4914	-.3909
	-.127														-.2906
	-.085										.3087	.3410	.2168	-.3335	-.2906
	-.064										.3043	.3117	.1820	-.3400	-.3161
	-.043										.2770	.2752	.1248	-.2864	-.1735
	-.021										.2487	.2302	.1034	-.1393	.0016
	.000										.2263	.2085	.1785	-.2391	-.1792

X/LB .8580

ORIGINAL PAGE IS OF POOR QUALITY



ARC11-716 IA14 01+T12+SIEN25+AT10 ORB ATTACH PTS

ALPHA( 0) = 4.060 BETA( 10) = 0.110

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6360

Y/BA	
-.107	-.3335
-.085	-.3076
-.064	-.1856
-.343	-.1108
-.021	-.1080
.000	-.5041

ALPHA( 0) = 4.050 BETA( 11) = 10.160

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB

Y/BA	
-.277	
-.256	
-.234	
-.213	
-.192	
-.170	
-.149	
-.107	
-.085	
-.064	
-.043	
-.021	
.000	

.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.9040	.8110	.8190	.8270	.8350	.8500
.6390							.6390							
.7935							.7935							
.7794							.7794							
.5976							.5976							
.8781							.8781							
.4953							.4953							
.5829							.5829							
.5607							.5607							
.2999							.2999							
.4469							.4469							
.4425							.4425							
.3838							.3838							
.2474							.2474							
.2543							.2543							
.2453							.2453							
.2276							.2276							
.2011							.2011							
.2679							.2679							
.2632							.2632							
.2287							.2287							
.1893							.1893							
.1746							.1746							
.1572							.1572							
.1359							.1359							
.0824							.0824							
.0595							.0595							
.1402							.1402							
.3672							.3672							
.3895							.3895							
.2858							.2858							
.3850							.3850							
.3229							.3229							
.1239							.1239							
.1178							.1178							
.0575							.0575							
.1239							.1239							
.1178							.1178							
.0575							.0575							
.1239							.1239							
.1178							.1178							
.0575							.0575							

X/LB .8580

Y/BA	
-.107	-.3292
-.085	-.3308
-.064	-.2447
-.043	-.1129
-.021	-.0759
.000	-.4668



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA144 - VOL. 10

ARC11-716 IA14 01+712+512+25+AT10 080 ATTACH PTS (081132)

ALPHA ( 9 ) = 5.965 BETA ( 1 ) = -9.950

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP	
X/LB	Y/BW	X/LB	Y/BW
.0875	.0850	.1025	.1100
.1100	.1180	.1260	.1330
.1530	.1600	.1670	.1740
.1870	.1940	.2010	.2080
.2210	.2280	.2350	.2420
.2650	.2720	.2790	.2860
.3090	.3160	.3230	.3300
.3530	.3600	.3670	.3740
.3970	.4040	.4110	.4180
.4410	.4480	.4550	.4620
.4850	.4920	.5000	.5070
.5290	.5360	.5430	.5500
.5680	.5750	.5820	.5890
.6120	.6190	.6270	.6340
.6560	.6630	.6700	.6770
.7000	.7070	.7140	.7210
.7440	.7510	.7580	.7650
.7880	.7950	.8020	.8090
.8220	.8290	.8360	.8430
.8760	.8830	.8900	.8970
.9200	.9270	.9340	.9410
.9540	.9610	.9680	.9750
.9980	.0050	.0120	.0190

X/LB .6580

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP	
X/LB	Y/BW	X/LB	Y/BW
.107	-.4197	.107	-.4197
.105	-.2195	.105	-.2195
.084	-.5135	.084	-.5135
.043	-.7332	.043	-.7332
.021	-.7145	.021	-.7145
.000	-.5934	.000	-.5934

ALPHA ( 9 ) = 5.960 BETA ( 2 ) = -7.980

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP	
X/LB	Y/BW	X/LB	Y/BW
.0870	.0950	.1020	.1100
.1100	.1180	.1260	.1330
.1530	.1600	.1670	.1740
.1870	.1940	.2010	.2080
.2210	.2280	.2350	.2420
.2650	.2720	.2790	.2860
.3090	.3160	.3230	.3300
.3530	.3600	.3670	.3740
.3970	.4040	.4110	.4180
.4410	.4480	.4550	.4620
.4850	.4920	.5000	.5070
.5290	.5360	.5430	.5500
.5680	.5750	.5820	.5890
.6120	.6190	.6270	.6340
.6560	.6630	.6700	.6770
.7000	.7070	.7140	.7210
.7440	.7510	.7580	.7650
.7880	.7950	.8020	.8090
.8220	.8290	.8360	.8430
.8760	.8830	.8900	.8970
.9200	.9270	.9340	.9410
.9540	.9610	.9680	.9750
.9980	.0050	.0120	.0190

X/LB .6580

ORIGINAL PAGE 75 OF POOR QUALITY

ARC11-716 IA14 01+T18+SIGNRES+AT10 ORB ATTACH PTS (R81132)

ALPHA( 9 ) = 5.980 BETA( 2 ) = -7.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8580

Y/BW	
-.107	-.4435
-.085	-.2381
-.064	-.4867
-.043	-.7299
-.021	-.7198
.000	-.6120

ALPHA( 9 ) = 5.940 BETA( 3 ) = -5.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0670 .0650 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

K/LB .8580

Y/BW	
-.107	-.4595
-.085	-.2658
-.064	-.4478
-.043	-.7232
-.021	-.7257
.000	-.6281



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

ARC11-716 IAI14 OL-T18+SIENS+ATIO ORB ATTACH PTS (RB1132)

ALPHA ( 8 ) = 5.970 BETA ( 4 ) = -5.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.1020	.1160	.1300	.1200	.1330	.7030	.7860	.8040	.8110	.8190	.8270	.8350	.8500
Y/8W														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .0580

Y/8W

-.107
-.4722
-.085
-.2840
-.064
-.4489
-.043
-.6901
-.021
-.7157
.000
-.6498

ALPHA ( 8 ) = 5.970 BETA ( 5 ) = -1.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0920	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8W															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

X/LB .0580



(R81132)

ARC11-716 IA14 01\*712\*512\*23\*AT10 ORB ATTACH PTS

ALPHA(O) = 5.970 BETA(O) = -1.970

## SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BA	
-.107	-.4965
-.085	-.3167
-.064	-.4597
-.043	-.6568
-.021	-.6615
.000	-.6604

ALPHA(O) = 5.980 BETA(O) = .030

## SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Y/BA															
-.277											.1552	.0868	-.0844	-.2685	
-.256								.1908			.1532	.0937	-.1867	-.3906	
-.234								.3034			.1357	.1588	-.3470	-.4221	
-.213								.2949			.1146				
-.192								.3371			.3985				
-.170								.2915			.0000	.2118	.2648	-.1051	-.4710
-.149								.2537			.2416	.2691	.2301	-.1676	
-.107											.2460	.2656	.2548	.2025	
-.085															-.3728
-.064											.2275	.2214	.1100	-.3560	-.3792
-.043											.2249	.2088	.0900	-.3493	-.4898
-.021											.2192	.1957	.0694	-.2613	-.5195
.000											.2126	.1813	.0730	-.2392	-.4722
											.2146	.1842	.1188	-.1852	-.4108

X/LB .8560

Y/BA	
-.107	-.4469
-.085	-.3467
-.064	-.3304
-.043	-.4774
-.021	-.5557
.000	-.5534



DATE 09 JAN 75      TABULATED PRESSURE DATA - IA14A - VOL. 10      (RB1132)  
 ARC11-716 IA14 OL+T12+S12M25+AT10 ORB ATTACH PTS

ALPHA (  $\theta$  ) = 5.970    BETA (  $\phi$  ) = 2.030

SECTION ( 1) ORB. ATTACH POINTS	DEPENDENT VARIABLE CP	X/LB	Y/LB											
.0870	.0850	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877			.3134	.2614	.0735	-.2356			.3577	.3073	.2971	-.0109	-.3723	
-.856			.2772	.3855	-.3619	-.4444		.5285	.4425	.2772	.3855	-.3619	-.4444	
-.234			.1095				.4519	.5361	.6644	.1095	.3074	.0938	-.4567	
-.213			.2535				.4202	.4202	.0000	.2535	.3277	.3504	.1471	
-.192			.3040				.3155	.3155	.3040	.3040	.3526	.4133	.4865	-.4589
-.170										.2449	.2462	.1823	-.3300	-.3983
-.149										.2269	.2102	.0896	-.3355	-.3694
-.107										.2110	.1953	.0540	-.3003	-.4002
-.085										.2038	.1635	.0511	-.2778	-.3911
-.064										.1987	.1624	.0966	-.2819	-.3986
-.043														
-.021														
.000														

ALPHA (  $\theta$  ) = 5.950    BETA (  $\phi$  ) = 4.080

SECTION ( 1) ORB. ATTACH POINTS	DEPENDENT VARIABLE CP	X/LB	Y/LB											
.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.107			.4124	.3607	.1490	-.1985			.4872	.4299	.4193	.0614	-.3442	
-.085			.4124	.5136	-.3506	-.4192		.6709	.5976	.4124	.5136	-.3506	-.4192	
-.234			.2018				.5700	.6923	.6292	.2018	.4080	.1969	-.3964	
-.213			.0000					.5273	.0000	.0000	.4325	.4430	.2560	
-.192			.4014					.3949	.4014	.3949	.4585	.5756	.8386	-.3561
-.170										.3319	.3631	.2441	-.2827	-.3073
-.149										.3075	.3146	.1964	-.3132	-.3451
-.107										.2766	.2706	.1409	-.2659	-.2684
-.085										.2494	.2272	.1175	-.1817	-.1793
-.064										.2314	.2025	.1516	-.3502	-.2511
-.043														
-.021														
.000														



(RB11132)

ALPHA( 9 ) = 5.890 BETA( 9 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8360

- Y/BL
- .107
- .3192
- .085
- .2712
- .064
- .1800
- .043
- .1359
- .021
- .1901
- .000
- .5378

ALPHA( 9 ) = 5.840 BETA( 9 ) = 6.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7980 .8140 .8110 .8190 .8270 .8350 .8500

- Y/BL
- .277
- .256
- .234
- .213
- .192
- .170
- .149
- .107
- .085
- .064
- .043
- .021
- .000
- .4881
- .7400
- .0000
- .0000
- .5479
- .5420
- .4466
- .3089
- .3880
- .4240
- .3313
- .3345
- .6846
- .8587
- .7416
- .9681
- .5479
- .5420
- .0000
- .0000
- .7239
- .7293
- .5628
- .6274
- .7980
- .8140
- .8110
- .8190
- .8270
- .8350
- .8500
- .277
- .256
- .234
- .213
- .192
- .170
- .149
- .107
- .085
- .064
- .043
- .021
- .000
- .4881
- .7400
- .0000
- .0000
- .5479
- .5420
- .4466
- .3089
- .3880
- .4240
- .3313
- .3345
- .6846
- .8587
- .7416
- .9681
- .5479
- .5420
- .0000
- .0000
- .7239
- .7293
- .5628
- .6274
- .7980
- .8140
- .8110
- .8190
- .8270
- .8350
- .8500
- .4717
- .4946
- .4742
- .5834
- .3413
- .4482
- .2525
- .4056
- .4239
- .4646
- .4716
- .3649
- .4124
- .4610
- .5749
- .6431
- .3837
- .3415
- .3736
- .2521
- .2731
- .2823
- .3235
- .3345
- .2054
- .3083
- .3066
- .2927
- .2898
- .1553
- .2625
- .1898
- .2655
- .2456
- .1344
- .1931
- .0602
- .2514
- .2271
- .1921
- .2969
- .1848

X/LB .8360

- Y/BL
- .107
- .3330
- .085
- .2956
- .064
- .1776
- .043
- .1052
- .021
- .1286
- .000
- .5274



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-710 IA14 01-718+51865+AT10 ORB ATTACH PTS (RB1132)

ALPHA(9) = 5.920 BETA(10) = 0.130

SECTION ( 5) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1250	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.771	-.750	.6441	.7522	.7080	.6291	.5512	.4815	.4201	-.1493
Y/BW	-.856	-.834	-.813	-.792	-.771	-.750	-.730		.7568	.7080	.6291	.5512	.4815	.4201	-.1493
Y/BW	-.834	-.813	-.792	-.771	-.750	-.730	-.710		.7522	.6950	.6161	.5372	.4675	.4061	-.1764
Y/BW	-.813	-.792	-.771	-.750	-.730	-.710	-.690		.5720	.5050	.4261	.3472	.2775	.2161	-.2012
Y/BW	-.792	-.771	-.750	-.730	-.710	-.690	-.670			.4313	.3524	.2735	.2038	.1424	-.2558
Y/BW	-.771	-.750	-.730	-.710	-.690	-.670	-.650				.4300	.3511	.2722	.2025	-.3667
Y/BW	-.750	-.730	-.710	-.690	-.670	-.650	-.630				.3104	.2315	.1526	.0737	-.2920
Y/BW	-.730	-.710	-.690	-.670	-.650	-.630	-.610				.3084	.2295	.1506	.0717	-.3126
Y/BW	-.710	-.690	-.670	-.650	-.630	-.610	-.590				.2818	.2029	.1240	.0451	-.2864
Y/BW	-.690	-.670	-.650	-.630	-.610	-.590	-.570				.2476	.1687	.0898	.0109	-.2612
Y/BW	-.670	-.650	-.630	-.610	-.590	-.570	-.550				.2223	.1434	.0645	.0000	-.2360
Y/LB	.4817	.7186	.0000	.0000	.0000	.0000	.0000								
Y/LB	.6580														

ALPHA(9) = 5.900 BETA(11) = 10.150

SECTION ( 5) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.771	-.750		.7696	.7320	.6531	.5742	.4953	.4164	-.1493
Y/BW	-.856	-.834	-.813	-.792	-.771	-.750	-.730		.7549	.7050	.6261	.5472	.4683	.3894	-.1764
Y/BW	-.834	-.813	-.792	-.771	-.750	-.730	-.710		.6506	.6000	.5211	.4422	.3633	.2844	-.2012
Y/BW	-.813	-.792	-.771	-.750	-.730	-.710	-.690			.4250	.3461	.2672	.1883	.1094	-.2558
Y/BW	-.792	-.771	-.750	-.730	-.710	-.690	-.670				.3667	.2878	.2089	.1300	-.2864
Y/BW	-.771	-.750	-.730	-.710	-.690	-.670	-.650				.2661	.1872	.1083	.0294	-.2920
Y/BW	-.750	-.730	-.710	-.690	-.670	-.650	-.630				.2642	.1853	.1064	.0275	-.3126
Y/BW	-.730	-.710	-.690	-.670	-.650	-.630	-.610				.2711	.1922	.1133	.0344	-.3028
Y/BW	-.710	-.690	-.670	-.650	-.630	-.610	-.590				.2542	.1753	.0964	.0175	-.2864
Y/BW	-.690	-.670	-.650	-.630	-.610	-.590	-.570				.2293	.1504	.0715	.0000	-.2612
Y/BW	-.670	-.650	-.630	-.610	-.590	-.570	-.550				.2005	.1216	.0427	.0000	-.2360
Y/LB	.4817	.7186	.0000	.0000	.0000	.0000	.0000								
Y/LB	.6580														



(R81132)

ARC11-716 IAI14 OI+T18+SIEMES+AT10 ORB ATTACH PTS

ALPHA( 8) = 5.000 BETA( 11) = 10.150

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/BL	
-.107	-.3266
-.088	-.3218
-.064	-.2218
-.043	-.1154
-.021	-.0950
.000	-.4807

ALPHA(10) = 6.000 BETA( 1) = -9.950

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1260 .1330 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BL												
-.277												
-.256												
-.234												
-.213												
-.192												
-.170												
-.149												
-.107												
-.063												
-.064												
-.043												
-.021												
.000												

X/LB .0500

Y/BL	
-.107	-.4486
-.088	-.2346
-.064	-.3157
-.043	-.7442
-.021	-.7326
.000	-.6801



ARC11-716 IA14 01+712+312M5+AT10 ORB ATTACH PTS (RB1132)

ALPHA(10) = 6.110 LTAO (2) = -7.930

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.877	-.856	-.834	-.813	-.792	-.771	-.6236	-.6009	-.7047	-.5407	-.4352	-.4674	-.4061	-.1256
							-.7919	-.6130	-.5393	-.5350	-.4239	-.4302	-.3025	-.5013
							.7510	.6202	.7512	-.6915	.4219	.4213	.3402	-.4033
							.7778	.0330	.0200	-.5204	.4231	.4118	.3313	.5206
											.4210	.3921	-.0508	-.1414
														-.0408
														-.3178
														-.5013
														-.4033
														-.3519
														-.1414

X/LB .6380

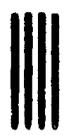
Y/LB	-.107	-.4390	-.085	-.2389	-.084	-.4701	-.043	-.7165	-.021	-.7135	.000	-.8079

ALPHA(10) = 6.130 BETA(3) = -5.940

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0970	.0950	.1020	.1100	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.877	-.856	-.834	-.813	-.792	-.771	-.6236	-.6009	-.7047	-.5407	-.4352	-.4674	-.4061	-.1256
							-.7919	-.6130	-.5393	-.5350	-.4239	-.4302	-.3025	-.5013
							.7510	.6202	.7512	-.6915	.4219	.4213	.3402	-.4033
							.7778	.0330	.0200	-.5204	.4231	.4118	.3313	.5206
											.4210	.3921	-.0508	-.1414
														-.0408
														-.3178
														-.5013
														-.4033
														-.3519
														-.1414

X/LB .6380



ARC11-716 IA14 01+112+S12M23+AT10 ORB ATTACH PTS

(RB1132)

ALPHA(10) = 8.130 BETA( 3 ) = -5.940

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/θw  
-.107 -.4683  
-.085 -.3737  
-.064 -.4333  
-.043 -.7137  
-.021 -.7320  
.000 -.6386

ALPHA(10) = 7.980 BETA( 4 ) = -3.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0930 .1020 .1100 .1180 .1260 .1330 .7000 .7960 .8640 .9110 .9190 .9270 .9350 .9900

Y/θw  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.5127  
.0580

-.0776 -.2297 -.3502 -.3767  
-.1378 -.1513 -.2389 -.4057  
-.1329 -.0881 -.4537 -.5175  
.0925  
.5374 .0135 -.9390  
.4997 .5345 .5140 -.1039  
4349 .4988 .4824 .3411  
-.1727  
.3800 .4124 .3453 -.1995 -.4114  
.3721 .3884 .3144 -.1643 -.5428  
.3742 .3702 .2795 -.0996 -.4583  
.3648 .3567 .2749 -.0659 -.3781  
.3709 .3580 .3127 -.0765 -.2803

X/LB .8580

Y/θw  
-.107 -.4685  
-.085 -.2777  
-.064 -.4367  
-.043 -.6805  
-.021 -.7120  
.000 -.6458



DATE 08 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+T12+SIENB3+AT1C ORB ATTACH PTS

(R01132)

ALPHAO(10) = 6.010 BETA0 ( 5) = -1.970

SECTION ( 1) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW								.2801	.3424	.4472	.3546	.3765	.0883	-.5255	
-.277									.2064	-.0036	.0368	-.0393	-.1341	-.2522	-.4405
-.236								.3370	.3321	.0000	.3480	.5797	.3436	-.1854	
-.234											.3138	.3519	.3247	.1729	-.2570
-.213											.3029	.3209	.2324	-.2785	-.4564
-.192											.3047	.3170	.2189	-.2475	-.5708
-.170											.3037	.3023	.2001	-.1716	-.5053
-.149											.3047	.2964	.2013	-.4242	
-.107											.3133	.3012	.2541	-.1263	-.2840
-.085															
-.064															
-.043															
-.021															
.000															

X/LB .8560

Y/BW	
-.107	-.4963
-.085	-.5229
-.064	-.4487
-.043	-.6460
-.021	-.6685
.000	-.6731

ALPHAO(10) = 7.930 BETA0 ( 6) = .060

SECTION ( 1) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW								.3068	.3541	.4215	.1166	.2765	-.0536	-.4733	
-.277									.3176	.1962	.1614	.0988	-.0758	-.2628	
-.256									.2361	.2361	.1625	.1077	-.1797	-.3782	
-.234									.1430	.1722	.1722	.3364	-.4118		
-.213											.2533	.2621	.2570	-.0496	
-.192											.2573	.2824	.2664	.2791	-.3430
-.170											.2408	.2388	.1252	-.3351	-.3164
-.149											.2380	.2176	.1000	-.3417	-.4490
-.107											.2309	.2039	.0780	-.2723	-.4860
-.085											.2256	.1908	.0793	-.2336	-.4612
-.064											.2246	.1919	.1251	-.1778	-.4044
-.043															
-.021															
.000															

X/LB .8560

(RB1132)

ARC11-718 IA14 OI+TI8+312N5+AT10 OR8 ATTACH PTS

ALPHA(10) = 7.930 BETA( 6) = .060

SECTION ( 3)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

- Y/BW
- .107
- .4301
- .085
- .3361
- .064
- .3239
- .043
- .4526
- .021
- .5344
- .000
- .5359

ALPHA(10) = 7.970 BETA( 7) = 2.050

SECTION ( 3)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0950 .1020 .1100 .1160 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

- Y/BW
- .277
- .256
- .234
- .213
- .192
- .170
- .149
- .107
- .065
- .044
- .043
- .021
- .000
- .5073
- .7569
- .0000
- .0000
- .4622
- .4994
- .2353
- .3429
- .4263
- .5230
- .4622
- .4994
- .2353
- .3429
- .4263
- .5230
- .4622
- .4994
- .2353
- .3429
- .4263
- .5230
- .4622
- .4994

X/LB .8560

- Y/BW
- .107
- .4339
- .085
- .3378
- .064
- .2986
- .043
- .3240
- .021
- .4626
- .000
- .5307



ARC11-716 IA14 01+712+S12N25+AT10 ORB ATTACH PTS

(RB1132)

ALPHA(10) = 7.950 BETA( 9) = 4.085

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.5717	.6626	.4808	.4192	.3609	.1510	-.1604	
								.6715	.5947		.4275	.4180	.0670	-.3370	
								.8188			.4078	.5155	-.3455	-.4208	
								.0000			.2016	.4039	.1983	-.3951	
								.3940			.3839	.4272	.4484	.2590	
											.3949	.4501	.5595	.6224	
											.3315	.5577	.2332	-.2775	-.3493
											.3329	.3065	.1826	-.3094	-.3116
											.2740	.2681	.1271	-.2585	-.2398
											.2493	.2228	.1096	-.1809	-.1792
											.2272	.1963	.1440	-.3412	-.2378

X/LB .6580

Y/BW
-.107
-.3174
-.2795
-.085
-.1855
-.043
-.1463
-.021
-.1916
.000
-.5493

ALPHA(10) = 7.920 BETA( 9) = 6.110

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0970	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.5931	.6982	.5009	.4401	.3921	.1873	-.1718	
								.7007	.6250		.4502	.4610	.1149	-.3390	
								.6484			.4365	.5557	-.3312	-.4431	
								.0000			.2072	.4040	.2137	-.3991	
								.4047			.3785	.4187	.4403	.2803	
											.3909	.4187	.4403	.2803	
											.3921	.4360	.5625	.6224	
											.3323	.3626	.2478	-.2829	-.3036
											.3166	.3203	.1961	-.3087	-.3450
											.2563	.2765	.1431	-.2374	-.2437
											.2596	.2405	.1321	-.1608	-.1384
											.2305	.2227	.1847	-.3189	-.2188

X/LB .8500

(RB1132)

ARC11-716 IA14 01+T12+S12M23+AT10 CRB ATTACH PTS

ALPHAC(10) = 7.920 BETA0 (9) = 6.110

SECTION ( 1)CRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
-.107	-.3348
-.085	-.2901
-.084	-.1787
-.043	-.1196
-.021	-.1644
.000	-.5456

ALPHAC(10) = 7.910 BETA0 (10) = 6.160

SECTION ( 1)CRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1350	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.4806	.4355	.2277	-.1418	
-.256								.5500			.4900	.5094	.1654	-.3381	
-.234								.7207			.4655	.6322	-.3119	-.4331	
-.213								.7161		.6129	.2158				
-.192								.5360			.3761	.3965	.1787	-.3970	
-.170								.4033			.3935	.4202	.4290	.3085	
-.149											.3789	.4146	.5103	.5529	
-.107														-.4072	
-.085											.3113	.3462	.2281	-.3102	-.3074
-.064											.3035	.3103	.1799	-.3323	-.3341
-.043											.2748	.2656	.1234	-.2849	-.1979
-.021											.2474	.2159	.1050	-.1568	-.0498
.000	.4568	.6973	.0000	.0000	.0000	-.5345	-.5366				.2320	.2062	.1697	-.2885	-.1849

X/LB	.8580
Y/BW	
-.107	-.3427
-.085	-.3043
-.084	-.1768
-.043	-.1154
-.021	-.1343
.000	-.5278



ARC11-716 IA14 O1+T12+S12M3+AT10 ORB ATTACH PTS

(RB1132)

ALPHAC(10) = 0.060 BETA0 (1) = 10.180

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .277											.5087	.4835	.2568	-.1203	
- .256								.5803			.5504	.5526	.1964	-.3238	
- .234								.7423			.5007	.6901	-.3043	-.4097	
- .213								.6157			.2257				
- .192											.3832	.3958	.0982	-.3908	
- .170								.5386			.3908	.4043	.3854	.2458	
- .149											.3563	.3739	.4328	.4061	
- .107											.2730	.3081	.1973	-.3659	-.4192
- .085											.2740	.2750	.1601	-.3644	-.3489
- .064						.0272	-.2861	-.4764	-.4590		.2498	.2380	.0954	-.3076	-.1897
- .043			.4828	.4560	-.1526	-.5555	-.4471	-.4016			.2274	.1956	.0737	-.1573	-.0088
- .021			.6085	.6700	-.6597	-.6497	-.4808	-.5637			.2007	.1755	.1514	-.2440	-.1780
.000		.4277	.6621	.0000	.0000	.0000	-.6037								

X/LB .0580

Y/BW
- .107
- .3340
- .085
- .3175
- .064
- .2006
- .043
- .1236
- .021
- .1160
.000
-.5030

ALPHAC(11) = 10.040 BETA0 ( 1) = -9.930

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .277															
- .256															
- .234															
- .213															
- .192															
- .170															
- .149															
- .107															
- .085															
- .064															
- .043			.4876	.0447	-.8213	-.8711	-.6592	-.6490							
- .021			.7241	.8435	-.8362	-.8047	-.7262	-.6341							
.000		.5398	.7525	.0000	.0000	.0000	-.5471								

X/LB .0580



ARC11-718 IA14 01+T12+S12NE3+AT10 ORB ATTACH PTS (081132)

ALPHA(11) = 10.040 BETA( 1) = -9.930

SECTION ( 11) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BW  
-.107 -.4387  
-.085 -.2425  
-.084 -.5164  
-.043 -.7453  
-.021 -.7324  
.000 -.6197

ALPHA(11) = 9.930 BETA( 2) = -7.950

SECTION ( 11) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.277  
-.2457  
-.1660  
.3754  
.4537  
.4876  
-.1617  
-.2457  
-.1896  
-.1103  
.1979  
.5584  
.5317  
.4522  
.4030  
.3871  
.3912  
.3909  
.3965  
-.3238  
-.2882  
-.4604  
-.5201  
.0654  
.5406  
.5100  
.3931  
-.1564  
-.1204  
-.4286  
.3052  
.0017  
-.3858  
-.0681  
-.1677

X/LB .6580

Y/BW  
-.107 -.4478  
-.085 -.2826  
-.084 -.4891  
-.043 -.7393  
-.021 -.7285  
.000 -.6234



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ARC11-716 IAI4 01+T12+S12E5+T110 ORB ATTACH PTS

(R01132)

ALPHA(11) = 9.960 BETA( 3) = -5.920

SECTION ( 3) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.3227	.3327	.3431	.3534
-.1037	-.1698	-.1261	.1027	.0000	.4628	.4151	.3626	.3613	.3520	.3538	.3641	.3626	.3723	.3723	.3723	.3626
-.2325	-.2506	-.4784	.0050	.5144	.5243	.4843	.3140	.2937	.2585	.2544	.3090	.3140	.2937	.2585	.2544	.3090
-.3477	-.4175	-.5251	-.5571	-.0956	.3505	-.1103	-.1963	-.1717	-.1007	-.0596	-.0926	-.1963	-.1717	-.1007	-.0596	-.0926
-.3347	-.5191	-.4600	-.4034	-.2171												

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA(11) = 9.960 BETA( 4) = -3.970

SECTION ( 3) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.3227	.3327	.3431	.3534
-.0619	-.1330	-.1414	.0728	.0000	.4552	.4196	.3728	.3635	.3544	.3534	.3519	.3728	.3635	.3544	.3534	.3519
-.2186	-.2432	-.4730	.0151	.5291	.5215	.4873	.3280	.2984	.2617	.2503	.2969	.3280	.2984	.2617	.2503	.2969
-.4113	-.4248	-.5331	-.5559	-.1451	-.2006	-.2227	-.4307	-.1884	-.1213	-.0947	-.0931	-.4307	-.1884	-.1213	-.0947	-.0931
-.4307	-.5331	-.4867	-.4016	-.2452	-.2451	-.2451	-.2451	-.2451	-.2451	-.2451	-.2451	-.2451	-.2451	-.2451	-.2451	-.2451

X/LB .8580



ARC11-716 IA14 O1+T1E+S1E2S+AT10 ORB ATTACH PTS

(RB113E)

ALPHA(11) = 9.960 BETA( 4) = -3.970

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0580
Y/BW	
	-.107
	-.4872
	-.065
	-.2969
	-.064
	-.4457
	-.043
	-.6728
	-.021
	-.7090
	.000
	-.6667

ALPHA(11) = 9.950 BETA( 5) = -1.970

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277								.0324		.0132		-.0962		-.2629
	-.296								.2063		-.0351		-.1361		-.2612
	-.234								.2671		-.0785		-.0622		-.4611
	-.213								.3273		-.0389				-.4969
	-.192								.3233		.0000		.3398		-.1035
	-.170								.3217		.3340		.3650		.3340
	-.149								.3034		.3034		.3101		.1614
	-.107										.2959		.3079		.2259
	-.085										.2969		.3147		.2239
	-.064										.2974		.2974		.2000
	-.043										.2984		.2934		.2013
	-.021										.3040		.3034		.2306
	.000														-.1347
															-.2938
															-.2770
															-.4080
															-.9958
															-.5250
															-.4281

X/LB	.0580
Y/BW	
	-.107
	-.4864
	-.065
	-.3170
	-.064
	-.4568
	-.043
	-.6414
	-.021
	-.6553
	.000
	-.6803



ARC11-716 1A14 O1+T1E+31E2+AT10 ORB ATTACH PTS (R81132)

ALPHA(11) = 9.950 BETA( 6) = .030

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.877										.1329	.0640	-.1135	-.3108	
	-.256									.1669	.1276	.0683	-.2216	-.4841	
	-.234							.3001	.2074	.1029	.1277	-.3765	-.4450		
	-.213						.2963	.3466	.4172	.0812	.2697	-.1413	-.4877		
	-.192							.2910	.0000	.2510	.2366	.2723	-.2236	-.2166	
	-.170										.2420	.2715	.2246	.1470	
	-.149														-.4278
	-.137										.2385	.2409	.1222	-.3385	-.4713
	-.085										.2355	.2250	.1091	-.3569	-.5426
	-.064										.2312	.2038	.0860	-.2821	-.5590
	-.043							.4869	.2876	-.5023	-.5066	-.3616	-.3692		
	-.021							.6474	.6482	-.5594	-.5347	-.4772	-.3023		
	.000							.6880	.0000	.0000	.0000	.0000	-.4209		

X/LB .8560

Y/BW	
	-.107
	-.4414
	-.085
	-.3431
	-.064
	-.3332
	-.043
	-.5117
	-.021
	-.5752
	.000
	-.5727

ALPHA(11) = 9.950 BETA( 7) = 2.060

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.877										.2592	.2106	.0339	-.2283	
	-.256									.2979	.2633	.2471	-.0527	-.3665	
	-.234							.4414	.3681	.2336	.2336	.3200	-.3684	-.4361	
	-.213						.3833	.4644	.5331	.0999	.2115	.2561	.0451	-.4669	
	-.192							.3542	.0000	.2738	.2572	.2773	.2929	.0905	
	-.170										.2566	.2980	.3368	.4063	
	-.149														-.4382
	-.137										.2154	.2142	.0908	-.3480	-.3412
	-.085										.2028	.1877	.0653	-.3604	-.3368
	-.064										.1928	.1707	.0395	-.3030	-.4163
	-.043							.5100	.3449	-.4461	-.5994	-.3517	-.4038		
	-.021							.8778	.6834	-.6037	-.5371	-.5010	-.4262		
	.000							.4683	.7244	.0000	.0000	.0000	.0000	-.4544	

X/LB .8560



(RB1132)

ARC11-716 IA14 OR+T1R+S1RNS+AT1D ORB ATTACH PTS

ALPHA(11) = 9.990 BETA ( 7 ) = 2.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0500

Y/BW  
 -.107 -.4509  
 -.085 -.3633  
 -.064 -.3211  
 -.043 -.3731  
 -.021 -.5015  
 .000 -.5536

ALPHA(11) = 9.980 BETA ( 8 ) = 4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

.4024 .3502 .1496 -.1715  
 .4069 .4089 .0708 -.3307  
 .5022 -.3394 -.4234  
 .1832  
 .3292 .3730 .1691 -.4073  
 .3587 .3915 .4046 .2389  
 .3660 .4196 .5173 .5699  
 -.3568  
 .2991 .3243 .2002 -.3024 -.8958  
 .2750 .2760 .1931 -.3262 -.3054  
 .2489 .2375 .1027 -.2715 -.2631  
 .2283 .2010 .0852 -.1967 -.2064  
 .2108 .1803 .1224 -.3419 -.2862

K/LB .0500

Y/BW  
 -.107 -.3320  
 -.085 -.2897  
 -.064 -.2041  
 -.043 -.1466  
 -.021 -.2190  
 .000 -.5656





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(RB113E)

ARC11-716 IAI4 01+T18+SIENS+AT10 CR8 ATTACH PTS

ALPHAO(11) = 10.030 BETA0 (10) = 0.160

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/B <sub>w</sub>	
	-.107
	-.3372
	-.085
	-.3057
	-.064
	-.1886
	-.043
	-.1224
	-.021
	-.1388
	.000
	-.3229

ALPHAO(11) = 10.070 BETA0 (11) = 10.230

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1330	.7800	.7800	.7800	.8040	.8110	.8190	.8270	.8350	.8500
Y/B <sub>w</sub>															
	-.277														
	-.250														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
	.4077	.6473	.0000	.0000	.0000	-.5823									
X/LB	.8580														
Y/B <sub>w</sub>															
	-.107	-.3823													
	-.085	-.3138													
	-.064	-.2003													
	-.043	-.1177													
	-.021	-.1100													
	.000	-.4886													





ARC11-716 IAL14 OI+T12+S12N25+AT10 CMB ATTACH PTS (R81133)

ALPHAO ( 1 ) = -10.260 BETAO ( 2 ) = -7.920

SECTION ( 1 ) CMB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1160	.1260	.1730	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.107														
	-.085														
	-.064														
	-.043	.6797	.2850	-.5311	-.5450	-.3408	-.3243				.4405	.4855	.4619	-.0093	-.2611
	-.721	.8937	.7221	-.5120	-.4776	-.4048	-.3644				.4327	.4711	.4424	.0411	-.3766
	.000	.7536	.9224	.0000	.0000	.0000	-.2713				.4327	.4473	.4071	.1294	-.2007
X/LB	.8580										.418	.4580	.4542	.0661	-.0363

Y/BW

- .107
- .085
- .064
- .043
- .721
- .000
- .4410

ALPHAO ( 1 ) = -10.250 BETAO ( 3 ) = -5.920

SECTION ( 1 ) CMB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8550
Y/BW															
	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043	.6852	.3169	-.4945	-.5295	-.3799	-.3276				.3740	.4061	.3725	-.0277	-.4083
	-.021	.8976	.7453	-.4950	-.4653	-.3955	-.3618				.3740	.3809	.3400	.0284	-.3167
	.000	.7618	.9298	.0000	.0000	.0000	-.3130				.3740	.3809	.3340	.0317	-.2422
X/LB	.8580										.3814	.3913	.3792	.0276	-.0896

Y/BW

- .107
- .085
- .064
- .043



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+T1E+SIENE5+AT10 ORB ATTACH PTS

(RB1133)

ALPHA( 1 ) = -10.25C BETA( 3 ) = -5.920

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BW  
-.021 -.5582  
.000 -.4781

ALPHA( 1 ) = -10.240 BETA( 4 ) = -3.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB .0810 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.2084  
-.2349  
-.2695  
-.1407  
-.2394  
-.1835  
-.3388  
-.3845  
-.2786  
-.1053  
-.3388  
-.3845  
-.4091  
-.4710  
-.4710  
-.4981  
-.4994  
-.0677  
-.4127  
-.3097  
-.3864  
-.4750  
-.3100  
-.2456  
-.2305  
-.3072  
-.4981  
-.4710  
-.3322  
-.4173  
-.4137  
-.4750  
-.4643  
-.0677  
-.3322  
-.1300  
-.3835  
-.4588  
-.3671  
-.2443  
-.0979

X/LB .8500

Y/BW  
-.107  
-.085  
-.06  
-.04  
-.021  
.000  
-.4020  
-.2286  
-.4512  
-.5470  
-.5931  
-.5082





DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI4A - VOL. 10

ARC11-716 IAI4 OI-T18+S12MS+AT10 CMB ATTACH PTS (RB1133)

ALPHA( 1 ) = -10.160 BETA( 8 ) = .020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8360

Y/BW	
-.107	-.4447
-.083	-.3002
-.084	-.3977
-.043	-.5039
-.021	-.5558
.000	-.5704

ALPHA( 1 ) = -10.160 BETA( 7 ) = 2.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1250 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .8360

Y/BW	
-.107	-.4312
-.083	-.3428
-.064	-.3205
-.043	-.3587
-.021	-.5279
.000	-.5856



(RB1133)

ARC11-710 IA14 OI+712+512N25+AT10 ORB ATTACH PTS

ALPHA(1) = -10.820 BETA(8) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/8W	.2332	.2134	.0497	-.2027										
-.277	.2397	.2557	-.0445	-.2984	.2727									
-.256	.1969	.2549	-.2095	-.2987	.5563	.5041								
-.234	.0888				.4979	.6258	.9539							
-.213	.2727	.3973	.8103	-.3328	.4821	.0000	.3117							
-.192	.3246	.4267	.8333	.0765										
-.170	.3496	.4620	.9690	.5364										
-.149														
-.107	.2743	.3073	.2075	-.2250										
-.085	.2340	.2541	.1601	-.2364	.0048	-.2571	.0445	-.1010						
-.054	.1984	.2044	.1082	-.2003	.7280	.5264	-.3821	-.0772	-.1942					
-.043	.1698	.1608	.0870	-.1668	.6800	.8764	-.4317	-.2866	-.2647					
-.021	.1343	.1378	.1074	-.2993	.9311	.0000	.0000	.0000	-.2955					
.000					.7339	.0000	.0000	.0000						

X/LB .8380

Y/8W

-.107  
-.4572  
-.085  
-.3868  
-.064  
-.4248  
-.043  
-.3871  
-.021  
-.3739  
.090  
-.5744

ALPHA(1) = -10.230 BETA(9) = 6.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/8W	.3016	.2699	.0964	-.1833										
-.277	.3016	.3088	-.0133	-.2991	.3524									
-.256	.3385	-.1911	-.3006	.6284	.5531	.2812								
-.234	.0986				.3566	.6873	.9504							
-.213	.2861	.3599	.2102	-.3443	.5247	.0000	.0000							
-.192	.3493	.4192	.4892	.1332										
-.170	.3684	.4791	.6217	.5792										
-.149														
-.107	.3024	.3569	.2760	-.1083	.1185	-.1245	.0227	-.0760						
-.085	.2709	.3051	.2162	-.1966	.7320	.3773	-.1444	-.2367	-.1846					
-.043	.2309	.2532	.1607	-.1618	.8704	.9291	-.3763	-.3168	-.2664					
-.021	.1997	.2037	.1355	-.1016	.9161	.0000	.0000	.0000						
.000	.1770	.1778	.1677	-.2306	.7886	.0000	.0000	.0000	-.2773					

X/LB .8380



ARC11-716 IA14 01+T12+SIGNES+AT10 ORB ATTACH PTS (R01133)

ALPHAO ( 1 ) = -10.830 BETAO ( 9 ) = 6.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BW  
 -.107 -.4663  
 -.085 -.5078  
 -.084 -.5377  
 -.043 -.4645  
 -.021 -.4063  
 .000 -.6244

ALPHAO ( 1 ) = -10.830 BETAO ( 10 ) = 8.120

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1100 .1180 .1260 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 .72.3 .8167 -.0420 -.1963 .0045 -.1615  
 .8564 .9797 -.3155 -.2795 -.2247 -.2376  
 .8995 .0000 .0000 .0000 .0000 .0000  
 .5467  
 .6595 .6999 .9433 .1242  
 .5229 .0000 .3438  
 .3404 .4236 .5991 .5983  
 .3474 .3161 .1549 -.1499  
 .3487 .3533 .0419 -.2870  
 .3492 .4024 -.1783 -.3321  
 .2973 .3724 .1930 -.3161  
 .3557 .3928 .3739 .1805  
 .2376 .3174 .2544 -.2109 -.5307  
 .2362 .2718 .1919 -.2232 -.5859  
 .1970 .2204 .1231 -.2015 -.9841  
 .1616 .1650 .0896 -.1548 -.4825  
 .1348 .1326 .1233 -.2234 -.3636  
 -.5155

X/LB .6580

Y/BW  
 -.107 -.4883  
 -.085 -.5048  
 -.084 -.5513  
 -.043 -.4888  
 -.021 -.3947  
 .000 -.5998





ARC11-716 IA14 01+112+S1R2S+AT1D ORB ATTACH PTS (RB1153)

ALPHAO ( 2 ) = -6.240 BETAO ( 3 ) = -5.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7960	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277															
-0.256															
-0.234															
-0.213															
-0.192															
-0.170															
-0.149															
-0.107															
-0.085															
-0.064															
-0.043															
-0.021															
.000															

X/LB .8580

Y/BW	
-0.107	-0.3745
-0.085	-0.1695
-0.064	-0.3706
-0.043	-0.5406
-0.021	-0.3554
.000	-0.4764

ALPHAO ( 2 ) = -8.250 BETAO ( 4 ) = -3.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277															
-0.256															
-0.234															
-0.213															
-0.192															
-0.170															
-0.149															
-0.107															
-0.085															
-0.064															
-0.043															
-0.021															
.000															

X/LB .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. .0

ARC11-716 IA14 01+TIE+SIGNALS+AT10 ORB ATTACH PTS (RB1133)

ALPHA( 2 ) = -0.850 BETA( 4 ) = -3.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BW  
-.107 -.0001  
-.065 -.8244  
-.064 -.4484  
-.043 -.5250  
-.021 -.5899  
.000 -.5055

ALPHA( 2 ) = -0.850 BETA( 5 ) = -1.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.266  
-.234  
-.213  
-.192  
-.170  
-.149  
-.137  
-.085  
-.064  
-.043  
-.021  
.000  
-.2332  
-.4329  
-.2359  
-.1980  
.7161  
.3953  
-.4164  
-.5158  
-.3697  
-.3433  
.8989  
.6074  
-.4602  
-.4099  
-.3903  
-.3737  
.7642  
.0000  
.0000  
.0000  
-.3843  
-.0954  
-.1777  
-.3112  
-.3853  
-.1587  
-.1813  
-.2538  
-.4038  
-.1699  
-.1587  
-.3587  
-.4396  
-.1115  
-.1540  
.2483  
.3118  
.4541  
.0063  
.0000  
.3715  
.3919  
.2066  
-.3405  
.3710  
.3949  
.4126  
.1351  
.3499  
.3468  
.3866  
.4235  
.4266  
-.0346  
.3630  
.3903  
.3446  
-.0972  
-.1959  
.3633  
.3913  
.3324  
-.0552  
-.4327  
.3648  
.3874  
.3177  
-.0271  
-.4039  
.3631  
.3732  
.3109  
-.0113  
-.2933  
.3671  
.3755  
.3449  
.0599  
-.1715

X/LB .8560

Y/BW  
-.107 -.4356  
-.085 -.8343  
-.064 -.2891  
-.043 -.4785  
-.021 -.5977  
.000 -.5270

ARC11-716 IAI4 01-718+818MS+AT10 ORB ATTACH PTS

(RB1133)

ALPHA ( 6 ) = -6.830 BETA ( 6 ) = .010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0980	.1020	.1100	.1100	.1260	.1330	.7880	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.877											.0249	-.3304	-.1833	-.3372	
-.836									.0347		.0194	-.0475	-.2540	-.4048	
-.834									.1861	.0733	-.0072	.0112	-.3546	-.4038	
-.813							.1960		.2555	.3323	-.0147				
-.192								.0000	.2293	.2102	.2694	-.0657	-.4165		
-.170									.2213	.2322	.2718	.2504	-.1795		
-.149										.2292	.2682	.2517	.1507		
-.107														-.3015	
-.085										.2357	.2523	.1829	-.2369	-.4371	
-.064										.2360	.2432	.1659	-.2217	-.5161	
-.043										.2357	.2325	.1441	-.1701	-.4804	
-.021										.2344	.2184	.1407	-.1685	-.5930	
.030	.7397	.2433	.0000	.0000	.0000	-.3691				.2318	.2189	.1765	-.1331	-.2724	

X/LB .8380

Y/BW
-.107
-.4360
-.063
-.2990
-.064
-.5082
-.343
-.5015
-.021
-.5563
.000
-.5369

ALPHA ( 8 ) = -6.830 BETA ( 7 ) = 2.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0980	.1020	.1100	.1100	.1260	.1330	.7880	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.877											.1886	.1447	-.0201	-.2317	
-.836									.2007		.1839	.1558	-.1090	-.3272	
-.834									.3625	.2766	.1800	.2168	-.2301	-.3458	
-.813							.3080		.4077	.5207	.3778				
-.192								.0000	.3002	.0000	.1754	.2739	.0512	-.3730	
-.170									.2204	.2157	.2462	.2633	.0720		
-.149										.2179	.2521	.2794	.3344		
-.107														-.3458	
-.085										.1867	.1844	.1002	-.2297	-.2875	
-.064										.1876	.1734	.0859	-.2532	-.3541	
-.043										.1853	.1784	.0796	-.2129	-.4206	
-.021										.1858	.1713	.0903	-.2075	-.3897	
.030	.7391	.2393	.0000	.0000	.0000	-.3469				.1900	.1739	.1374	-.2234	-.2994	

X/LB .8580



ARC11-716 IA14 01+712+81285+AT10 ORB ATTACH PTS

(RB1133)

ALPHA (E) = -0.830 BETA ( F) = 2.020

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW
-.107
-.4332
-.085
-.3395
-.064
-.3146
-.043
-.3460
-.021
-.5232
.000
-.5736

ALPHA ( E) = -0.830 BETA ( F) = 4.040

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .3040 .8110 .8190 .8270 .8350 .8900

Y/BW
-.277
-.236
-.234
-.213
-.192
-.170
-.148
-.107
-.085
-.064
-.043
-.021
.000
.7260
.8775
.9280
.0000
.0000
.0019
-.2397
-.4127
-.0839
-.2007
-.3599
-.3068
-.2835
-.3148
.0019
-.2742
.0199
-.1029
.5234
.6366
.4925
.0000
.3375
.3603
.3643
.4497
.4733
.5860
.5806
.2803
.2428
.2038
.1739
.1573
.2923
.3026
.2690
.1280
.3187
.4270
.2386
-.3147
.6226
.1327
.0961
.0063
-.1374
-.2690
.2386
-.3147
.6226
.1327
.0961
.1961
-.2258
-.0201
.1541
-.2412
-.3998
.1058
-.2050
-.3300
.0856
-.1972
-.2523
-.1070
-.2786
-.2484
-.4016

X/LB .0580

Y/BW
-.107
-.3074
-.085
-.2588
-.064
-.1740
-.043
-.1472
-.021
-.1778
.000
-.4470



(R81133)

:RC11-716 IAI4 OI+T1E+SIEM3+T110 OR8 ATTACH P73

ALPHAO ( 8 ) = -8.8E0 BETAO ( 9 ) = 6.050

SECTION ( 11 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1080	.1100	.1180	.1260	.1350	.7800	.7960	.8040	.8110	.8270	.8350	.8900
Y/04														
- .877											.3537	.3165	.1443	-.1428
- .896										.4183	.3552	.3581	.0330	-.2815
- .834									.6589	.5935	.3426	.3952	-.1811	-.2776
- .813								.5661	.7042	.9484	.1410			
- .192									.5425	.0000	.3284	.3947	.2231	-.3140
- .170										.3756	.3821	.4400	.4841	.1756
- .149											.3909	.4885	.6355	.6056
- .107														-.4800
- .095											.3199	.3646	.2888	-.1766
- .064					.1079	-.1421	-.0812	-.0831			.2902	.3196	.2268	-.1919
- .345			.7268	.9740	-.1475	-.3375	-.0191	-.1948			.2525	.2659	.1687	-.1609
- .021			.8654	.9046	-.4080	-.3564	-.2880	-.2848			.2158	.2141	.1417	-.0991
.000			.7180	.9116	.0000	.0000	-.3026				.1898	.1876	.1758	-.2173

X/LB .8900

Y/04

- .107 - .3857  
- .095 - .2765  
- .064 - .3285  
- .043 - .2127  
- .021 - .1893  
.000 - .4722

ALPHAO ( 8 ) = -8.8E0 BETAO ( 10 ) = 6.100

SECTION ( 11 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1080	.1100	.1180	.1260	.1350	.7800	.7960	.8040	.8110	.8270	.8350	.8900
Y/04														
- .877											.4002	.3644	.1978	-.1159
- .896										.4800	.3995	.3987	.0334	-.2436
- .834									.6902	.6346	.3917	.4503	-.1909	-.2963
- .813								.5758	.7198	.9487	.1620			
- .192									.5426	.0000	.3355	.4034	.2248	-.2893
- .170										.3760	.3876	.4223	.4091	.2378
- .149											.3654	.4404	.6066	.6253
- .107														-.4222
- .095					.2018	-.0374	.0016	-.0323			.2744	.3292	.2673	-.1900
- .064			.8114	-.0475	-.2215	.0008	-.1758				.2561	.2893	.2066	-.2063
- .043			.7234	.8490	-.3272	-.3118	-.2788				.2202	.2359	.1377	-.1874
- .021			.8928	.8928	.0000	.0000	-.3175				.1821	.1833	.1009	-.1447
.000			.7184	.8928	.0000	.0000					.1516	.1504	.1384	-.1926

X/LB .8900



TABLATED PRESSURE DATA - IAL44 - VOL. 10

(R01133)

DATE 09 JAN 75

ARC11-716 IAL4 01-T12-S12MS\*AT10 ORB ATTACH PTS

ALPHA (R) = -0.220 BETA (10) = 0.100

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0360

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

ALPHA (R) = -0.220 BETA (11) = 10.130

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0370 .0890 .1020 .1100 .1180 .1260 .1330 .7980 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

X/LB .0360

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

.4395 .4068 .4496 .1610 .4924 -.2151 -.3201  
 .5037 .6712 .7139 .9396 .1934  
 .0000 .3174 .4003 .2623 -.2453  
 .3702 .3916 .4162 .4167 .3358  
 .3423 .3035 .5216 .5584  
 .2158 .2778 .7175 -.2066 -.4013  
 .2088 .2426 .1729 -.2321 -.4268  
 .1776 .2009 .1030 -.2154 -.3378  
 .1459 .1439 .0605 -.1908 -.1332  
 .1150 .1118 .1049 -.1319 -.1348

.7199 .6374 .7199 .6374 .6402 .6935 .0000 .0000 .0000 .0000  
 .2629 .0239 .0158 -.0020  
 .0366 -.1384 .0185 -.1332  
 -.2491 -.1911 -.2694  
 .0000 .0000 .0000 .0000



(RB1133)

ARC11-716 IA14 01-718-31282-AT10 ORB ATTACH PTS

ALPHAO( 3) = -6.280 BETAO ( 1) = -9.970

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.836	-.834	-.813	-.192	-.170	-.149	-.107	-.065	-.064	-.043	-.043	-.021	-.000	
X/LB								.3926	.4326	.7417	.3620	-.2131	-.3334	-.3010	-.2889
Y/BW								.1538	-.1757	-.2274	-.2716	-.2716	-.1908	-.2834	-.3361
X/LB								.5082	.0000	.5517	.6240	.6350	.6222	.6496	
Y/BW								.5300	.5958	.4739	.5300	.5958	.4739	.4739	.0393
X/LB								.4570	.5042	.4771	.4570	.5042	.4771	.4570	-.2409
Y/BW								.4474	.4841	.4552	.4474	.4841	.4552	.4552	-.3608
X/LB								.4410	.4674	.4194	.4410	.4674	.4194	.4194	-.2590
Y/BW								.4407	.4539	.4072	.4407	.4539	.4072	.4072	-.2020
X/LB								.4482	.4627	.4604	.4482	.4627	.4604	.4604	-.0136

X/LB .8590

Y/BW	-.107	-.2938	-.085	-.1073	-.064	-.3665	-.043	-.5232	-.021	-.5276	.000	-.4308
X/LB												

ALPHAO( 3) = -6.280 BETAO ( 2) = -7.990

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.192	-.170	-.149	-.107	-.065	-.064	-.043	-.043	-.021	-.000	
X/LB								.3706	.4177	.6749	.2801	-.1751	-.2928	-.2878	-.2765
Y/BW								.1310	-.1521	-.1772	-.1772	-.1362	-.3519	-.4184	
X/LB								.4798	.0000	.5207	.5655	.6022	.6046	.6405	
Y/BW								.4999	.5682	.5744	.4999	.5682	.5744	.4509	.0007
X/LB								.4468	.4924	.4673	.4468	.4924	.4673	.4673	-.2740
Y/BW								.4439	.4762	.4428	.4439	.4762	.4428	.4428	-.3819
X/LB								.4349	.4587	.4093	.4349	.4587	.4093	.4093	-.2759
Y/BW								.4349	.4467	.3986	.4349	.4467	.3986	.3986	-.2032
X/LB								.4416	.4551	.4431	.4416	.4551	.4431	.4431	-.0368

X/LB .8590



(R01133)

ARC11-716 IA14 01+712+512E5+AT10 ORB ATTACH PTS

ALPHA( 3 ) = -6.880 BETA( 2 ) = -7.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8380

Y/BW	
-.107	-.3105
-.085	-.1214
-.064	-.3613
-.043	-.5222
-.021	-.5329
.000	-.4472

ALPHA( 3 ) = -6.300 BETA( 3 ) = -6.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB	.8380
Y/BW	
-.107	-.3596
-.085	-.1335
-.064	-.3560
-.043	-.5316
-.021	-.5498
.000	-.4669

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IALIA - VOL. 10

(R01133)

ARC11-716 1A14 01+T12+SIENS+AT10 ORB ATTACH PTS

ALPHA( 3 ) = -6.880 BETA( 4 ) = -3.980

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	.277															
	.256															
	.234															
	.213															
	.192															
	.170															
	.149															
	.107															
	.085															
	.064															
	.043															
	.021															
	.000															
	.7628															
	.000															
	.8580															

X/LB .8580

Y/BW	-.107	-.3998
	-.085	-.2212
	-.064	-.4394
	-.043	-.5394
	-.021	-.5819
	.000	-.4980

ALPHA( 3 ) = -6.180 BETA( 5 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	.277															
	.256															
	.234															
	.213															
	.192															
	.170															
	.149															
	.107															
	.085															
	.064															
	.043															
	.021															
	.000															
	.7518															
	.000															
	.8580															

X/LB .8580



DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10  
 ARC11-716 1A14 01-T12+SIGNES+AT10 ORB ATTACH PTS (RB1133)

ALPHA( 3 ) = -6.180 BETA( 5 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
	-.107
	-.4236
	-.085
	-.2875
	-.064
	-.3939
	-.043
	-.4882
	-.021
	-.3249
	.000
	-.5374

ALPHA( 5 ) = -6.320 BETA( 6 ) = 2.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277										.2290	.1861	.0222	-.2000	
	-.236									.2456	.2300	.2149	-.0673	-.3039	
	-.234					.3645				.3136	.2297	.2786	-.2313	-.3309	
	-.218					.4106				.5405	.1142	.2671	.0674	-.3452	
	-.192				.3281	.3165				.0900	.2058	.2626	.2759	.1282	
	-.170									.2425	.2326	.2639	.3038	.3511	
	-.149										.2321				-.3914
	-.107										.1975	.1698	.0999	-.2221	-.2735
	-.085										.1905	.1763	.0829	-.2474	-.3238
	-.064										.1879	.1760	.0746	-.2096	-.3859
	-.043										.1838	.1645	.0837	-.2081	-.3679
	-.021										.1884	.1672	.1312	-.2229	-.2928
	.000														
X/LB	.8580														

Y/BW	
	-.107
	-.4182
	-.085
	-.3225
	-.064
	-.2977
	-.043
	-.3139
	-.021
	-.4810
	.000
	-.5470

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DATE 06 JAN 75

TABLATED PRESSURE DATA - 1A14A - VOL. 10  
 ARC11-716 1A14 O1+T12+S12N25\*AT1D OR8 ATTACH PTS (R01133)

ALPHA( 3 ) = -6.360 BETA( 8 ) = 6.050

SECTION ( 1 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
	-.107
	-.085
	-.064
	-.043
	-.021
	.000

ALPHA( 3 ) = -0.270 BETA( 8 ) = 0.170

SECTION ( 1 ) OR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.000	.000
								.6113	.7200	.6682	.4482	.4037	.2248	-.0906	
								.7412	.5653	.4094	.4508	.4518	.1382	-.2265	
								.0000			.4388	.5009	-.2146	-.3097	
											.2216	.4430	.2708	-.2431	
											.3832	.4540	.4529	.3144	
											.4183	.4540	.6163	.6523	
											.3967	.4618	.6163	.6523	
											.3032	.3506	.2812	-.1724	-.4106
											.2837	.3110	.2251	-.1966	-.4551
											.2523	.2669	.1588	-.1742	-.3964
											.2178	.2089	.1226	-.1296	-.2748
											.1889	.1812	.1646	-.1719	-.2810
X/LB	.6580														
Y/BW															
	-.107	-.3325													
	-.085	-.2496													
	-.064	-.3100													
	-.043	-.1806													
	-.021	-.0838													
	.000	-.4008													

X/LB .6580

Y/BW	
	-.107
	-.085
	-.064
	-.043
	-.021
	.000

(R01133)

ARC11-716 IAI4 Q1+T12+312M25+AT10 ORB ATTACH PTS

ALPHAO( 3) = -6.800 BETAO (10) = 10.090

SECTION ( 3) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0070	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW														
-.877										.4855	.4479	.2795	-.0494	
-.836							.5451			.4850	.4994	.2075	-.8066	
-.834							.7452			.4549	.5496	-.2003	-.3097	
-.813							.8244			.2499				
-.192							.5675			.4035	.4419	.3022	-.2328	
-.170							.4082			.4266	.4533	.4705	.4140	
-.148										.3750	.4147	.5401	.5635	
-.107														-.4182
-.085										.2473	.3001	.2328	-.1951	-.9471
-.064						.2367	-.0111	-.0373	-.0318	.2445	.2725	.1898	-.2237	-.3607
-.043		.7038	.6241	.0119	-.2042	.0012	-.1603			.2141	.2279	.1222	-.2076	-.3138
-.021		.6891	.8753	-.3079	-.3101	-.2184	-.2951			.1825	.1718	.0779	-.1790	-.0598
.000	.6852	.8719	.0000	.0000	.0000	-.3736				.1516	.1415	.1341	-.1079	-.1293
K/LB	.8580													

K/LB .8580

Y/BW

-.107	-.3427
-.085	-.2957
-.064	-.3094
-.043	-.0948
-.021	-.0205
.000	-.3692

ALPHAO( 4) = -4.800 BETAO ( 1) = -9.960

SECTION ( 3) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.877											-.1899	-.3196	-.2912	-.2788	
-.836										-.2830	-.2539	-.1877	-.2684	-.3460	
-.834										-.1669	-.2032	-.1320	-.3450	-.4087	
-.813										.4110	.4597	.7553	.3581		
-.192										.6208	.6288	.6875	.2128	-.3762	
-.170										.5620	.6092	.6393	.6260	.0441	
-.148										.3328	.6005	.6005	.6005	.4762	
-.107															.0319
-.085										.4596	.5044	.4732	-.0041	-.2283	
-.064										.4490	.4823	.4471	.0415	-.3604	
-.043		.6638	.2473	-.3667	-.6328	-.4058	-.4038			.4461	.4671	.4152	-.1024	-.2628	
-.021		.8841	.7398	-.3866	-.5643	-.4630	-.4133			.4435	.4534	.4040	.1292	-.2107	
.000	.7337	.9077	.0000	.0000	.0000	-.2652				.4512	.4663	.4528	.0643	-.0174	
K/LB	.8580														



(R01133)

ARC11-716 IA14 01+T12+S12E2+AT10 OR0 ATTACH PTS

ALPHA( 4 ) = -4.800 BETA( 1 ) = -9.980

SECTION ( 1 ) OR0. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8580

Y/BW
-.107
-.2035
-.065
-.1108
-.064
-.3583
-.043
-.5334
-.021
-.5371
.000
-.4375

ALPHA( 4 ) = -4.830 BETA( 2 ) = -7.990

SECTION ( 1 ) OR0. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW	-.277	-.1509	-.2698	-.2667	-.2619
-.236	-.1824	-.1340	-.2393	-.3401	
-.234	-.1906	-.1310	-.1112	-.3472	-.4113
-.213	.1753	-.1310	-.1509		
-.192	.4451	.7029	.2888		
-.170	.4996	.0990	.5974	.6311	.2203
-.149	.5345	.5801	.6145	.6145	.0493
-.107	.5098	.5098	.5828	.5839	.4563
-.083	.4580	.5001	.4678	-.0161	-.2567
-.064	.4448	.4810	.4395	.0301	-.3768
-.043	.4424	.4636	.4080	.0882	-.2729
-.021	.6828	.2512	-.6310	-.4409	-.3908
.000	.8976	.7326	-.5856	-.5515	-.4364
	.9260	.0000	.0000	-.0300	-.3391

K/LB .8580

Y/BW
-.107
-.3098
-.083
-.1101
-.064
-.3493
-.043
-.5215
-.021
-.5326
.000
-.4458



ARC11-716 IAI4 OI+T12+S12E5+T10 ORB ATTACH PTS

(RB1133)

ALPHAO ( 4 ) = -4.180 BETAO ( 3 ) = -5.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB															
Y/BW															
	-.107														
	-.3804														
	-.1444														
	-.3564														
	-.5324														
	-.5533														
	-.4710														

ALPHAO ( 4 ) = -4.170 BETAO ( 4 ) = -5.950

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB															
Y/BW															
	-.193														
	-.1978														
	-.2085														
	-.1803														
	.5068														
	.4989														
	.4443														
	.4016														
	.3914														
	.3935														
	.3742														
	.3771														

X/LB .8580



TABULATED PRESSURE DATA - IA14A - VOL. 10

(R01133)

ARC11-716 1A14 01+T12+S12M23+AT10 ORB ATTACH PTS

DATE 09 JAN 75

ALPHA( 4 ) = -4.170 BETA( 4 ) = -3.950

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6560

Y/BW
-1.07
-3.994
-1.085
-2.156
-1.084
-4.242
-1.043
-5.370
-1.021
-5.766
1.000
-4.957

ALPHA( 4 ) = -4.150 BETA( 5 ) = -2.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW	Y/BW
-2.77	-0.925	-1.456	-2.800	-3.568									
-2.256	-1.013	-1.924	-2.254	-3.767									
-2.234	-1.192	-1.174	-3.531	-4.227									
-2.213	.0265												
-1.92	.3641	.3660	.1761	-3.452									
-1.170	.3296	.3662	.3873	.4016	.1304								
-1.149	.3449	.3386	.3760	.4093	.3980								
-1.107	.3478	.3707	.3154	-1.077	-1.368								
-1.085	.3483	.3699	.3022	-1.079	-1.4003								
-1.064	.3501	.3696	.2893	-1.0450	-1.3868								
-1.043	.3580	.3588	.2890	-1.0233	-1.2933								
-1.021	.3659	.3670	.3310	-1.0055	-1.1648								
1.000													

X/LB .6560

Y/BW
-1.107
-4.207
-1.085
-2.104
-1.084
-2.271
-1.043
-4.469
-1.021
-5.988
1.000
-5.168

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(RB1133)

ARC11-716 IA14 OL+TIE+SIENS+AT10 ORB ATTACH PTS

ALPHAO( 4) = -4.080 BETA0 ( 6) = -.010

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0850	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
	-.277										.0724	.0127	-.1403	-.2889	
	-.258							.1041			.0701	-.0002	-.2141	-.3682	
	-.234							.2214			.0422	.0390	-.3180	-.3736	
	-.213							.3489			.0272				
	-.192			.2270				.0000			.2219	.2778	-.0616	-.3895	
	-.170							.2484			.2387	.2771	.2489	-.1809	
	-.149										.2365	.2753	.2316	.1453	
	-.107														-.3184
	-.085										.2362	.2491	.1752	-.2424	-.4309
	-.064										.2382	.2362	.1372	-.2239	-.4869
	-.043										.2327	.2246	.1361	-.1786	-.4704
	-.021										.2277	.2119	.1316	-.1735	-.3467
	.000										.2232	.2077	.1647	-.1352	-.2728

X/LB .8580

Y/BA
-.107
-.085
-.064
-.043
-.021
.000

ALPHAO( 4) = -4.210 BETA0 ( 7) = 2.110

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0850	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
	-.277										.2554	.2123	.0499	-.1826	
	-.258							.2765			.2554	.2394	-.0410	-.3017	
	-.234							.4163			.2537	.3112	-.2293	-.3438	
	-.213							.5457			.1323				
	-.192			.3548				.0000			.2209	.2791	.1047	-.3409	
	-.170							.2586			.2473	.2734	.2933		
	-.149										.2480	.2798	.3155		
	-.107														.3390
	-.085										.2075	.2041			.2570
	-.064										.2059	.1847			.3086
	-.043										.1978	.1797			.2748
	-.021										.1946	.1707			.2575
	.000										.1954	.1741			.2888

X/LB .8580



TABLA TEC PRESSURE DATA 1414 VOL 10

ARC11-716 1414 DATA+112+512M5+ATIC DRB ATTACH PTS

(R011331)

ALPHA (A) = -4.210 BETA (B) = 2.110

SECTION 1 SOURCE ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0500
Y/BW	
	-1.107
	-3.972
	-3.107
	-3.043
	-2.840
	-2.043
	-2.996
	-2.021
	-4.626
	.000
	-5.292

ALPHA (A) = -4.000 BETA (B) = 4.390

SECTION 1 SOURCE ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7330	.0040	.0110	.0190	.0270	.0350	.0430
Y/BW															
	-1.277														
	-2.256														
	-2.234							.6289	.5869	.4116					
	-2.113							.5560	.9270	.1574					
	-1.192							.5142	.0000						
	-1.170							.3709							
	-1.148														
	-1.107														
	-1.043														
	-1.064														
	-1.043														
	-1.021														
	-1.000														
	.7097	.9083	.0000	.0000	.0000	.0000	.0000								
X/LB	.0500														
Y/BW															
	-1.107														
	-3.483														
	-3.936														
	-3.370														
	-2.874														
	-5.286														

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DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 OL+T12+SIENES+AT10 ORB ATTACH PTS (RB1133)

ALPHA(4) = -0.210 BETA(8) = 0.060

SECTION (1) ORB	ATTACH POINTS	DEPENDENT VARIABLE CP
Y/LB	.0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500	
Y/DB		
-277		.4340 .3816 .2064 -.0969
-256		.4340 .4343 .1084 -.2435
-234		.4898 -.2076 -.3126
-213	.7023	.4340 .4340
-192	.7276	.2109
-170	.5649	.4300 .2593 -.2601
-149		.4722 .4896 .2632
-127		.4187 .5063 .6647 .6868
-105		.5340 .3977 .3110 -.1508 -.4792
-084		.3309 .3491 .2540 -.1728 -.5199
-063	.7028 .3475 -.1747 -.4456 -.0861 -.2186	.2951 .3036 .1964 -.1450 -.5402
-042	.8407 .8216 -.4797 -.4832 -.3544 -.3368	.2627 .2527 .1671 -.0911 -.4319
-021	.6820 .8799 .0000 .0000 .0000 .0000	.2335 .2247 .2001 -.2029 -.3158
-000		

Y/LB .6500

Y/DB

-107	-1.4406
-085	-1.3679
-064	-1.4400
-043	-1.4087
-021	-1.3132
-000	-1.5733

ALPHA(4) = -4.800 BETA(10) = 0.040

SECTION (1) ORB	ATTACH POINTS	DEPENDENT VARIABLE CP
Y/LB	.0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500	
Y/DB		
-277		.4866 .4403 .2596 -.0610
-256		.4934 .4919 .1897 -.2046
-234		.5526 -.2075 -.3026
-213	.7435	.4792 .4792
-192	.7572	.2674
-170	.5856	.4246 .4756 .3174 -.2215
-149		.4474 .4877 .4516 .3806
-127		.4193 .4803 .6328 .6798
-105		.3255 .3716 .2959 -.1534 -.3703
-084		.3105 .3351 .2395 -.1845 -.4828
-063	.6931 .5826 -.0922 -.3608 -.0321 -.2166	.2769 .2834 .1751 -.1634 -.3742
-042	.8278 .9118 -.4254 -.4160 -.3076 -.3342	.2461 .2319 .1395 -.0177 -.2049
-021	.8759 .8878 .0000 .0000 .0000 .0000	.2344 .2303 .0142 -.2224
-000		

Y/LB .8180



TABULATED PRESSURE DATA - TABLE VOL. 10

ARC11710 IAL4 D4411C+S18N23+AT10 Q56 ATTACK PTL (R81133)

SECTION (1) Q56. ATTACK POINTS DEPENDENT VARIABLE CP

ALPHA( 4) = -4.160 BETA( 11) = 10.090

X/LB .8580

Y/BW
-.107
-.256
-.085
-.2076
-.064
-.3066
-.043
-.1280
-.021
-.0482
.000
-.3648

SECTION (1) Q56. ATTACK POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW	.5244	.4879	.3138	-.0234
-.256	.5841	.5247	.5384	.2558
-.234	.7732	.7252	.4911	-.1721
-.213	.6595	.7793	.9534	.2934
-.192	.5965	.5965	.0000	.4459
-.170	.4446	.4446	.4582	.4822
-.149	.4070	.4363	.4447	.5734
-.107	.2735	.3197	.2437	-.2016
-.085	.2729	.2933	.2038	-.2203
-.064	.2477	.2550	.1394	-.2005
-.043	.2167	.2025	.0985	-.1616
-.021	.1833	.1708	.1611	-.0949
.000				-.1090
				-.4070
				-.3338
				-.3712
				-.2082
				-.0109
				-.1090

X/LB .8580

Y/BW
-.107
-.3312
-.085
-.2793
-.064
-.2806
-.043
-.0705
-.021
-.0062
.000
-.3525



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TABULATED PRESSURE DATA - IAI4A - VOL. 10

ARC11-716 IAI4 OI\*TI2\*BI2NS\*AT10 OR8 ATTACH PTS

(R81133)

ALPHA( 5) = -2.870 BETA( 1) = -10.040

SECTION ( 1) OR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0850	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															

ALPHA( 5) = -2.870 BETA( 2) = -6.030

SECTION ( 1) OR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7860	.7940	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															

X/LB .8580



TABULATED PRESSURE DATA - TABLE - 950 - 10  
 ARC11-710 IAI4 01+112+SI2N2S+ATID ORB ATTACH PTS (RB1133)

ALPHA( 3 ) = -2.070 BETA( 2 ) = -8.030  
 SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP  
 X/LB .0580  
 Y/BW  
 -.107 -.3037  
 -.085 -.1151  
 -.064 -.3417  
 -.043 -.3189  
 -.021 -.3302  
 .000 -.4421

ALPHA( 5 ) = -2.070 BETA( 3 ) = -5.960  
 SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP  
 X/LB .0670 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
 Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 .1943  
 .4507  
 .4829  
 .0000  
 .4050  
 .4840  
 .4299  
 .4254  
 .4235  
 .4204  
 .4291  
 -.1323  
 -.1622  
 -.1432  
 -.2152  
 .5601  
 .5436  
 .4840  
 .4762  
 .4549  
 .4409  
 .4293  
 .4291  
 -.2569  
 -.1345  
 -.1009  
 .5869  
 .5773  
 .5451  
 .4374  
 .4137  
 .3847  
 .3741  
 .4212  
 -.2818  
 -.2231  
 -.3386  
 .1714  
 .5734  
 .5459  
 -.0484  
 .0046  
 .0617  
 .0822  
 .0520  
 -.2632  
 -.3224  
 -.4012  
 -.3692  
 .0169  
 .4174  
 -.0310  
 -.2819  
 -.3909  
 -.2919  
 -.2137  
 -.0534

X/LB .8380  
 Y/BW  
 -.107 -.3120  
 -.085 -.1335  
 -.064 -.3513  
 -.043 -.3241  
 -.021 -.5415  
 .000 -.4592

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4RC11-716 IA14 01+T12-S12N5+T110 ORB ATTACH PTS (RB1133)

ALPHA( 5 ) = -2.060 BETA( 4 ) = -3.920

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277															
-.256															
-.234															
-.213															
-.192								.3236							
-.170								.4336							
-.149								.6107							
-.107								.1345							
-.085								.3955							
-.064								.0000							
-.043								.4633							
-.021															
.000															
X/LB															
.8560															

Y/BW															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

ALPHA( 5 ) = -2.060 BETA( 5 ) = -2.000

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277															
-.256															
-.234															
-.213															
-.192								.2668							
-.170								.3296							
-.149								.3380							
-.107								.4448							
-.085								.0300							
-.064								.3497							
-.043															
-.021															
.000															
X/LB															
.8560															



DATE 29 JAN 75 TABULATED PRESSURE DATA - 1A14 - VOL 10

ARC11-718 1A14 DIS-112-312823\*ATIO CRB ATTACH 2TS (R81133)

ALPHA ( 5 ) = -2.060 BETA ( 6 ) = -2.050

SECTION ( 1 ) CRB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.6500
Y/BW	
-.107	-.4176
-.085	-.2147
-.064	-.2577
-.043	-.4741
-.021	-.5849
.000	-.5171

ALPHA ( 5 ) = -2.050 BETA ( 6 ) = .020

SECTION ( 1 ) CRB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7885	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.0862	.0230	-.1263	-.2704	
-.256										.1151	.0655	.0143	-.2011	-.3665	
-.234								.2287	.1308	.0501	.0769	-.3086	-.3681		
-.213								.2327	.3350	.0414	.2756	-.0610	-.3882		
-.192								.2549	.0200	.2238	.2414	.2746	.2485	-.1785	
-.170									.2391	.2735	.2511	.1445			
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															
.7077	.4246	-.3709	-.5895	-.3584	-.3693										
.8870	.7921	-.5640	-.4567	-.4445	-.4182										
.9265	.9000	.0000	.0000	-.4468											
.7302															
.000															
.6500															
-.107	-.4084														
-.085	-.2846														
-.064	-.3591														
-.043	-.4701														
-.021	-.5004														
.000	-.5113														

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(RB1133)

ARC11-716 IA14 O1+T12+SIEN5+AT10 ORB ATTACH PTS

ALPHA( 5 ) = -2.850 BETA( 7 ) = 2.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.277									.2993	.2776	.2405	.0792	-.1624	
	-.256							.4455		.3845	.2639	.2681	-.0156	-.2898	
	-.234							.4648		.5909	.2768	.3350	-.2249	-.3453	
	-.213						.3918	.3699		.0000	.1360	.2952	.1233	-.3291	
	-.192									.2776	.2618	.2949	.5140	-.1775	
	-.170										.2660	.2986	.7441	.3978	
	-.149														-.5234
	-.107										.2186	.2177	.1188	-.2133	-.2545
	-.085										.2110	.1952	.0974	-.2342	-.2989
	-.064										.2057	.1820	.0823	-.2038	-.3324
	-.043										.2007	.1786	.0945	-.1971	-.3436
	-.021										.2023	.1770	.1337	-.2183	-.2841
	.000														

X/LB .8580

Y/BW	-.107	-.3923	-.085	-.3071	-.064	-.2750	-.043	-.2876	-.021	-.4404	.000	-.5211

ALPHA( 6 ) = -2.770 BETA( 8 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.277									.4404	.3831	.3585	.1637	-.1143	
	-.256							.6913		.6069	.3878	.3962	.0693	-.2373	
	-.234							.6832		.9359	.3844	.4338	-.2110	-.2732	
	-.213						.5746	.6832		.1621	.3728	.4309	.2554	-.2914	
	-.192							.5350		.0000	.4054	.4808	.5878	.1937	
	-.170									.3923	.4104	.5138	.6322	.6333	
	-.149														-.3854
	-.107										.3347	.3479	.2448	-.1947	-.4293
	-.085										.3007	.3077	.1970	-.2166	-.4198
	-.064										.2621	.2186	.1452	-.1801	-.3340
	-.043										.2282	.2120	.1262	-.1281	-.2732
	-.021										.2090	.1861	.1501	-.2370	-.2274
	.000														

X/LB .8580



TABULATED PRESSURE DATA - IAS4 - VOL. 10

ARC11-716 IAS4 01\*112\*512\*25\*AT10 CRB ATTACH PTS

(R81133)

ALPHA: 5) 3 -2.175 BETA: 3) 5 4.100

SECTION: (1) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BW	
-1.107	-2.043
-1.085	-2.451
-1.064	-1.820
-1.043	-1.189
-1.021	-1.156
.000	-1.4315

ALPHA: 5) 2 2.790 BETA: ( 8) 5 6.120

SECTION: (1) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-1.277														
-1.256														
-1.234														
-1.213														
-1.192														
-1.170														
-1.149														
-1.107														
-1.085														
-1.064														
-1.043														
-1.021														
.000														
.6967	.5499	-1.1675	-1.4703	-1.1226	-2.2226									
.6331	.8143	-1.5014	-1.5219	-1.3698	-1.3528									
.6003	.0000	.0000	.0000	.0000	.0000									
.6216	.5722	.9484	.9484	.9484	.9484									
.5133	.6618	.6618	.6618	.6618	.6618									
.4542	.4571	.4571	.4571	.4571	.4571									
.4542	.4074	.4074	.4074	.4074	.4074									
.3612	.4017	.4017	.4017	.4017	.4017									
.3365	.3365	.3365	.3365	.3365	.3365									
.3033	.3116	.3116	.3116	.3116	.3116									
.2733	.2598	.2598	.2598	.2598	.2598									
.2440	.2319	.2319	.2319	.2319	.2319									
.6216	.5722	.9484	.9484	.9484	.9484									
.4275	.4275	.4275	.4275	.4275	.4275									
.4275	.5069	.6704	.7016	.7016	.7016									
.4275	.4775	.4897	.2962	.2962	.2962									
.4275	.4552	.2760	-.2496	-.2496	-.2496									
.4275	.4571	.1393	-.2157	-.2157	-.2157									
.4275	.5172	-.2011	-.2803	-.2803	-.2803									
.4275	.4571	.1393	-.2157	-.2157	-.2157									
.4275	.4074	.2323	-.0766	-.0766	-.0766									

X/LB .6500

Y/BW	
-1.107	-1.3116
-1.085	-1.2487
-1.064	-1.2916
-1.043	-1.1687
-1.021	-1.1128
.000	-1.4084

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ARC11-716 IA14 01+712+312N23+710 ORB ATTACH PTS

(RB133)

ALPHA( 5) = -2.790 BETA( 10) = 8.140

SECTION ( 1):ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277									.5123	.4659	.2650	.2050	-.0416	
	-.256							.5767		.5191	.3188	.2084	-.1933		
	-.234							.7631		.5023	.5033	-.1941	-.2944		
	-.213						.6585	.7729	.9560	.2959					
	-.192							.5994	.0000	.4459	.4941	.3370	-.2179		
	-.170								.4541	.4649	.5025	.5120	.4202		
	-.149									.4333	.4659	.6300	.6776		
	-.107														
	-.085														
	-.064									.3370	.3600	.2987	-.1467	-.3476	
	-.043						.1229	-.1446	-.1643	.3243	.3420	.2432	-.1794	-.3987	
	-.021						.6666	.5811	-.0962	-.3964	-.0537	-.2217			
	.000						.8204	.9042	-.4456	-.5017	-.3246	-.3443			
							.6637	.6614	.0000	.0000	.0000	-.4065			
X/LB	.6380														

X/LB .6380

Y/BW	-.107	-.3249
	-.085	-.2656
	-.064	-.3002
	-.043	-.1056
	-.021	-.0259
	.000	-.3716

ALPHA( 5) = -2.770 BETA( 11) = 10.100

SECTION ( 1):ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.5458	.5108	.3353	-.0095	
	-.256							.6072		.5503	.5668	.2789	-.1888		
	-.234							.7909	.7433	.5148	.6553	-.1538	-.2779		
	-.213						.6798	.7954	.9561	.3130					
	-.192							.6136	.0000	.4643	.4853	.2607	-.2821		
	-.170								.4625	.4733	.4920	.4944	.3988		
	-.149									.4202	.4424	.5371	.5507		
	-.107														
	-.085														
	-.064									.2836	.3309	.2488	-.2110	-.3390	
	-.043						.1783	-.0866	-.1552	.2832	.3069	.2143	-.2215	-.3735	
	-.021						.8759	.5981	-.0305	-.3298	-.0363	-.1988			
	.000						.8043	.9320	-.3880	-.4505	-.2750	-.3372			
							.6538	.8445	.0000	.0000	.0000	-.4170			
X/LB	.6380														

X/LB .6380



TABULATED PRESSURE DATA - TABLE - VOL. 10

(R01153)

ARC11-715 1414 01-11E-SIEN23+AT1D ORB ATTACH PTS

ALPHA ( 5 ) = -8.770 BETA ( 11 ) = 10.150

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA ( 6 ) = -.760 BETA ( 1 ) = -10.520

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

K/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

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TABULATED PRESSURE DATA - IAI14A - VOL. 10

ARC11-718 IAI4 01+112+312M2+AT110 ORB ATTACH PTS

ALPHA( 6 ) = -.730 BETA( 2 ) = -6.420

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/6W	-.277														
-.256															
-.234								.4387	.2114	-.1168	-.1206	-.1111	-.2215	-.3253	
-.213									.4936	.7556		-.0746	-.3383	-.3973	
-.192									.5425	.0000	.6327	.6690	.2128	-.3658	
-.170									.5701		.5152	.6469	.6332	.0592	
-.148											.5393	.6066	.6098	.4552	.0505
-.107											.4719	.5100	.4727	-.0008	-.18090
-.085											.4639	.4869	.4460	.0374	-.3470
-.064											.4556	.4678	.4083	.0933	-.82983
-.043											.4528	.4559	.4014	.1190	-.2011
-.021											.4581	.4662	.4494	.0798	-.0165
.000															

X/LB .8580

Y/6W

-.107	-.2908
-.085	-.1076
-.064	-.3208
-.043	-.5165
-.021	-.5271
.000	-.4305

ALPHA( 6 ) = -.730 BETA( 3 ) = -6.280

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/6W	-.277														
-.256															
-.234								.4075	.1996	-.1543	-.1233	-.0837	-.3473	-.4222	
-.213									.4624	.7146	.2714	.6179	.1940	-.3822	
-.192									.5059	.0000	.5894	.6104	.6046	.0336	
-.170									.5305		.5080	.5757	.5739	.4473	.0028
-.149															
-.107															
-.085											.4505	.4941	.4573	-.0200	-.2365
-.064											.4462	.4716	.4290	.0225	-.3716
-.043											.4370	.4549	.3966	.0793	-.2740
-.021											.4341	.4435	.3892	.1001	-.2041
.000											.4428	.4307	.4298	.0528	-.0388

X/LB .8580



ARC11-716 LAL4 OI\*TI2+S12MS\*ATIO 0XB ATTACH PTS

(R81133)

ALPHA( 8) = -.733 BETA( 3) = -5.240

SECTION 11208B, ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	Y/LB
.0500	
	.0000
	-.4444
	-.5298
	-.0821
	-.0443
	-1.5133
	-.3364
	-.0885
	-1.1240
	-.3389
	-1.107

ALPHA( 8) = -.710 BETA( 4) = -4.140

SECTION 11208B, ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	Y/LB
.0670	
.0950	
.1029	
.1100	
.1180	
.1260	
.1330	
.7860	
.7960	
.8040	
.8110	
.8190	
.8270	
.8350	
.8500	
	.0000
	.7494
	.9307
	-.021
	-.043
	-.064
	-.065
	-.107
	-.149
	-.170
	-.192
	-.213
	-.234
	-.258
	-.277
	.0000
	.4957
	.0900
	.5456
	.2030
	.6957
	.4420
	.1917
	-.0978
	-.1292
	-.1451
	-.1176
	-.2366
	-.2978
	-.2917
	-.3199
	-.4053
	-.3348
	-.2194
	-.1054
	-.5732
	-.1455
	.5711
	.5994
	.5594
	-.0126
	.5409
	.5340
	.3963
	-.0789
	.4174
	.4264
	-.0354
	-.3178
	-.4100
	-.0131
	.4362
	.3973
	-.3182
	.4171
	.3592
	.0364
	-.3182
	.3977
	.3994
	.3455
	.0459
	-.2234
	.4022
	.4055
	.3800
	.0296
	-.0769
	-.0374
	-.4724
	-.4381
	-.4008
	-.3075
	-.6121
	-.4570
	-.3040
	-.4221
	-.4583
	-.4159
	.0000
	.0000

X/LB	Y/LB
.0500	
	.0000
	-.4721
	-.5324
	-.0821
	-.5207
	-.3682
	-1.1969
	-1.5808
	-.3402

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ARC11-716 IA14 01+T18+318NS+AT10 OMB ATTACH PTS (RB1133)

ALPHA( 6 ) = -.700 BETA( 5 ) = -2.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/Ωw															
-.877															
-.856															
-.834															
-.813															
-.192								.3041	.4888	.0650					
-.170								.3724	.0000	.4108					
-.148								.3920	.4119	.4355					
-.107									.3712	.4125					
-.085									.3725	.4075					
-.064									.3738	.3977					
-.043									.3619	.3972					
-.021									.3853	.3964					
.000									.3924	.4017					

X/LB .8500

Y/Ωw

-.107	-.8917
-.085	-.1563
-.064	-.8584
-.043	-.4703
-.021	-.5922
.000	-.5142

ALPHA( 6 ) = -.700 BETA( 6 ) = .030

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/Ωw															
-.877															
-.856															
-.834															
-.813															
-.192								.2521	.3601	.0551					
-.170								.2720	.0000	.2420					
-.148								.2884	.2954	.2890					
-.107								.2512	.2512	.2805					
-.085								.2438	.2526	.1720					
-.064								.2451	.2409	.1562					
-.043								.2401	.2340	.1350					
-.021								.2328	.2161	.1327					
.000								.2020	.2171	.1643					

X/LB .8500



TABULATED PRESSURE DATA - IAL14 - VOL. 10

(R01133)

ARC11-716 IAL14 DIV112+SI2R25+ATIO OR8 ATTACH PTS

ALPHA ( 6 ) = -.700 BETA ( 6 ) = .030

SECTION ( 1 ) OR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/LB  
 -.107  
 -.083  
 -.064  
 -.043  
 -.021  
 .003

ALPHA ( 7 ) = -.700 BETA ( 7 ) = 2.160

SECTION ( 1 ) OR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0850 .1080 .1100 .1180 .1200 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/LB  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

X/LB .8580

Y/LB  
 -.107  
 -.083  
 -.064  
 -.043  
 -.021  
 .000

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(RB1133)

ARC11-718 IA14 O1\*TI2\*SI2E23\*AT10 ORB ATTACH PTS

ALPHA( 8 ) = -.710 BETA( 8 ) = 4.270

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/D	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
-.277												.4118	.3643	.1912	-.0989	
-.256										.4732		.4118	.4135	.0940	-.2453	
-.234										.8761		.4113	.4667	-.2199	-.3049	
-.213								.5976		.7003	.9244	.2018				
-.192									.5491	.0000		.3834	.4336	.2437	-.3108	
-.170										.4108		.4152	.4735	.5476	.2103	
-.148												.4280	.5165	.6403	.6312	
-.127																-.4708
-.085												.3554	.3860	.2800	-.1740	-.4858
-.064												.3243	.3352	.2239	-.1976	-.5279
-.043												.2888	.2941	.1723	-.1661	-.5115
-.021												.2570	.2391	.1495	-.1185	-.4499
.000												.2343	.2129	.1724	-.2357	-.2762

X/L = .8580

Y/D =

-.107	-.4288
-.085	-.3624
-.064	-.4327
-.043	-.3756
-.021	-.3166
.000	-.2560

ALPHA( 8 ) = -.730 BETA( 8 ) = 6.350

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/D	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
.277												.4945	.4462	.2687	-.0547	
.256										.5519		.4979	.5015	.1869	-.2133	
.234										.7395		.4848	.5658	-.2000	.3033	
.213								.6438		.7339	.9476	.2679				
.192									.5924	.0703		.4251	.4723	.2990	-.2492	
.170										.4433		.4472	.4929	.4963	.3388	
.148												.4381	.5044	.6696	.7169	
.127																-.4943
.085												.5718	.4107	.3206	-.1392	-.4401
.064												.5517	.5637	.2691	-.1642	-.4865
.043												.3167	.3216	.2121	-.1371	-.5047
.021												.2878	.2712	.1808	-.0837	-.4130
.000												.2556	.2476	.2242	-.1897	-.3212

X/L = .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+112+SI2N25+AT10 ORB ATTACH PTS

(RB1133)

ALPHA( 6 ) = -.730 BETA( 9 ) = 6.550

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
-.107	-.4430
-.085	-.3403
-.064	-.4037
-.043	-.3514
-.021	-.2254
.000	-.5217

ALPHA( 8 ) = -.750 BETA( 10 ) = 6.130

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.5414	.4937	.3085	-.0247	
-.256									.6016	.7333	.5453	.5521	.2434	-.2117	
-.234								.7803	.7803	.7333	.5256	.6337	-.1809	-.2985	
-.213								.6780	.7879	.9536	.3163	.4975	.3336	-.2384	
-.192									.6133	.0900	.4627	.5104	.5240	.4367	
-.170									.4689	.4689	.4439	.4869	.6179	.6688	-.4735
-.149											.3506	.3896	.3025	-.1502	-.4236
-.107											.5493	.3564	.2505	-.1840	-.4803
-.085					.1104	-.1799	-.2361	-.1357			.3103	.3143	.1901	-.1633	-.4937
-.064		.8718	.5754	-.0959	-.4390	-.1214	-.2340				.2749	.2583	.1576	-.1105	-.3828
-.043		.8062	.8956	-.4698	-.5375	-.3523	-.3641				.2468	.2322	.2139	-.1319	-.3523
-.021		.8476	.0000	.0000	.0000	.0000	-.4266								
.000		.0440	.0000	.0000	.0000	.0000	.0000								

X/LB	.8580
Y/BW	
-.107	-.4394
-.085	-.3456
-.064	-.3990
-.043	-.2948
-.021	-.1115
.000	-.4393

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(RB1133)

ARC:1-716 IA14 01+T12+S12NE+AT1D ORB ATTACH PTS

ALPHA( 6 ) = -.750 BETA( 11 ) = 10.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.6972	.6064	.6387	.5618	.5453	.3580	.0085	
								.6254	.9537	.7692	.5906	.6096	.3039	-.1927	
								.4794	.0000	.5594	.5594	.7156	-.1392	-.2612	
									.4801	.4801	.4801	.4897	.2195	-.2288	
									.4801	.4801	.4801	.4948	.4862	.3635	
									.4300	.4398	.4300	.4398	.5132	.5023	-.4040
									.2945	.3389	.2945	.3389	.2512	-.2246	-.3508
									.2971	.3151	.2971	.3151	.2226	-.2243	-.3599
									.2828	.2802	.2828	.2802	.1605	-.1992	-.2722
									.2358	.2362	.2358	.2362	.1207	-.1805	.0107
									.2205	.2061	.2205	.2061	.1831	-.0818	-.0826

X/LB .8580

Y/BW	-.107	-.3118	-.085	-.2667	-.064	-.2296	-.043	-.0635	-.021	.0087	.000	-.3390

ALPHA( 7 ) = 2.010 BETA( 1 ) = -10.080

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.4593	.5679	.5920	.5571	.6268	.6205	.5100	.1286
								.5170	.7648	.3905	.6643	.6943	.2405	-.3703	
								.2118	-.1793	-.2120	-.2120	-.1473	-.3591	-.4421	
									.3007	-.1942	-.2917	-.1942	-.2837	-.3807	
									.4863	.5084	.4863	.5084	.4677	.0667	-.3207
									.4730	.4891	.4730	.4891	.4313	.1299	-.2372
									.4735	.4732	.4735	.4732	.4181	.1637	-.2018
									.4795	.933	.4795	.933	.4852	.0804	.0247

X/LB .8580



(RB1133)

ARC11-716 IA14 01+T12+512N25\*AT10 ORB ATTACH PTS

ALPHA( 7 ) = 2.010 BETA( 1 ) = -10.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6380

Y/BW
-.107
-.2615
-.085
-.0806
-.064
-.3410
-.043
-.5234
-.021
-.5231
.000
-.4008

ALPHA( 7 ) = 2.000 BETA( 2 ) = -9.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1350 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1350	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

X/LB .6380

Y/BW
-.107
-.3043
-.085
-.1088
-.064
-.3145
-.043
-.5204
-.021
-.5269
.000
-.4231

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(RB1133)

ARC11-716 IA14 01+712+312N25+AT10 ORB ATTACH PTS

ALPHA( 7 ) = 2.050 BETA( 3 ) = -6.040

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.000	-.277											-.0951	-.2289	-.2614	-.2672	
	-.256											-.1315	-.1033	-.2081	-.3349	
	-.234											-.0925	-.0538	-.3436	-.4206	
	-.213											.2290	.4887	.7360	.2750	
	-.192								.4268	.5269	.0000	.6008	.6307	.1936	-.3863	
	-.170									.5441	.5821	.6156	.6081	.0284		
	-.149										.5139	.5806	.5780	.4522		.0365
	-.107											.4482	.4862	.4462	-.0291	-.2348
	-.085											.4372	.4542	.4153	.0081	-.3644
	-.064											.4333	.4454	.3840	.0542	-.2781
	-.043											.4333	.4334	.3678	.0842	-.2152
	-.021											.4383	.4409	.4143	.0471	-.0448
.000	.7873	.6109	.0000	.0000	.0000	.0000	-.3756									
X/LB	.8380															

ALPHA( 7 ) = 1.920 BETA( 4 ) = -3.990

SECTION ( 3 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.000	-.277											-.0948	-.2248	-.2992	-.3131	
	-.256											-.1372	-.1155	-.2126	-.3351	
	-.234											-.1238	-.0948	-.3491	-.4296	
	-.213											.1970	-.0951	-.1238	-.3491	
	-.192								.3696	.4439	.6680	.2178	.5475	.5781	.1525	-.3959
	-.170									.4745	.0000	.5358	.5709	.5563	-.0121	
	-.149										.4939	.4739	.5373	.5320	.3890	
	-.107											.4241	.4687	.4303	-.0565	-.3743
	-.085											.4199	.4491	.4032	-.0124	-.4121
	-.064											.4152	.4290	.3682	.0412	-.3114
	-.043											.4119	.4121	.3573	.0477	-.2202
	-.021											.4119	.4154	.3927	.0319	-.0750
.000	.7336	.9166	.0000	.0000	.0000	.0000	-.4132									
X/LB	.8580															



ALPHAC ( 7 ) = 1.980 BETA ( 4 ) = -3.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BW  
-.107 -.3604  
-.085 -.1556  
-.084 -.3641  
-.045 -.3228  
-.021 -.5541  
.000 -.4723

ALPHAC ( 7 ) = 1.980 BETA ( 5 ) = -2.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0470 .0830 .1020 .1100 .1160 .1260 .1330 .7680 .7950 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.095  
-.064  
-.043  
-.021  
.000  
-.0480  
-.0472

-.0064  
-.0589  
-.0861  
-.0695  
-.0418  
-.0299  
-.0228  
-.0110  
-.0080  
-.0032  
-.0032  
-.0032  
-.0032

.2116  
.3644  
.4895  
.0418  
.4029  
.4135  
.4228  
.4110  
.4134  
.3259  
.3601  
.3639  
.3712  
.3754  
.3831  
.3800  
.3670

.3117  
.3606  
.4032  
.4134  
.3259  
.3601  
.3639  
.3712  
.3754  
.3831  
.3800  
.3670

-.2459  
-.5665  
-.3461  
-.2430  
-.4295  
-.5815  
-.4163  
-.3795  
-.6832  
-.4295  
-.5815  
-.4163  
-.4097  
-.4097  
-.4331  
-.4097  
-.4100

.6832  
.6809  
.7798  
.9106  
.0000  
.0000  
.0000  
.0000  
.0000

X/LB .6580

Y/BW  
-.107 -.3739  
-.085 -.1881  
-.084 -.3066  
-.043 -.4927  
-.021 -.5823  
.000 -.5076

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(R81133)

ARC11-716 IA14 01\*12+S12N5\*AT10 OR8 ATTACH PTS

ALPHA( 7 ) = 1.820 BETA( 6 ) = .010

SECTION ( 1 ) OR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877										.1406	.0749	-.0734	-.2884	
	-.853							.1639			.1294	.0638	-.1675	-.3453	
	-.234							.2755			.0998	.1150	-.2873	-.3608	
	-.213							.3243			.0920				
	-.192						.2794	.2966			.2613	.3107	-.0487	-.3837	
	-.170										.2818	.3109	.2794	-.1722	
	-.149										.2741	.3046	.2744	.1675	
	-.107														-.3008
	-.085										.2691	.2764	.1937	-.2264	-.4090
	-.064										.2671	.2625	.1749	-.2102	-.4701
	-.043										.2516	.2510	.1561	-.1592	-.4488
	-.021										.2574	.2369	.1501	-.1511	-.3344
	.000										.2504	.2335	.1836	-.1107	-.2586

X/LB .8560

Y/BW	-.107	-.3803
	-.085	-.2898
	-.064	-.3323
	-.043	-.4376
	-.021	-.4881
	.000	-.5076

ALPHA( 7 ) = 1.820 BETA( 7 ) = 2.050

SECTION ( 1 ) OR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877										.3270	.2901	.1339	-.1169	
	-.258							.3620			.3270	.3175	.0388	-.2496	
	-.234							.5318			.3176	.3934	-.2263	-.3211	
	-.213							.5322			.1517				
	-.192						.4598	.4243			.2788	.3346	.1526	-.3213	
	-.170										.3095	.3411	.3731	.2050	
	-.149										.3156	.3524	.4139	.4691	
	-.107														-.3698
	-.085										.2608	.2609	.1557	-.1980	-.2692
	-.064										.2470	.2340	.1293	-.2236	-.2878
	-.043										.2379	.2147	.1066	-.1850	-.3299
	-.021										.2319	.2040	.1097	-.1800	-.3187
	.000										.2301	.2042	.1528	-.2011	-.2704

X/LB .8560



DATE 09 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC:1-716 IA14 3A+112+312N25+AT10 ORB ATTACH PTS

(RB1133)

ALPHA (7) = 1.020 BETA (7) = 2.050

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0360

Y/LB  
-.107  
-.3936  
-.005  
-.2933  
-.064  
-.2470  
-.043  
-.2548  
-.021  
-.4102  
.000  
-.5901

ALPHA (7) = 1.900 BETA (8) = 4.080

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/LB  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
.4344  
.4258  
.4149  
.2105  
.8988  
.0900  
.4206  
.6814  
.7021  
.5503  
.5974  
.4888  
.6209  
.4154  
.3831  
.4336  
.4688  
.5237  
.2187  
.4287  
.5077  
.6201  
.6383  
-.4682  
.3591  
.3886  
.2819  
-.1744  
-.4844  
.3319  
.3402  
.2299  
-.1974  
-.9251  
.2984  
.1789  
-.1637  
-.5079  
.2701  
.2466  
.1351  
-.1168  
-.4468  
.2247  
.1818  
-.2561  
-.2720

X/LB .0560

Y/LB  
.107  
-.4294  
-.085  
-.3605  
-.064  
-.4213  
-.043  
-.3818  
-.021  
-.3174  
.000  
-.5619

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(RB1133)

ARC11-716 IAL14 01+712+SIGN25+AT10 ORB ATTACH PTS

ALPHA( 7 ) = 2.030 BETA( 10 ) = 0.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0380

Y/BW	
-.107	-.4416
-.083	-.3293
-.064	-.3669
-.043	-.2436
-.021	-.0832
.000	-.4090

ALPHA( 7 ) = 2.350 BETA( 11 ) = 10.150

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.003														

X/LB .6500

Y/BW	
-.107	-.3086
-.083	-.2709
-.064	-.2241
-.043	-.0631
-.021	-.0236
.000	-.3217

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(RB1133)

ARC11-716 IA14 01+T12+S1EN2S+AT10 ORB ATTACH PTS

ALPHA( 8 ) = 4.300 BETA( 1 ) = -9.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500																																																									
Y/DB	-.277	-.236	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	-.2287	-.3452	-.3601	-.3595	-.3553	-.2365	-.2908	-.3909	-.4364	.1966	-.2154	-.2485	-.1836	-.3593	-.4364	.5201	.7555	.4162	.6907	.7213	.2794	-.3615	.5833	.0900	.6185	.6661	.6925	.6839	.1139	.5807	.6473	.6491	.5317	.1560	.5247	.5654	.5241	.0496	-.1485	.5089	.5392	.5005	.0906	-.3072	.5045	.5169	.4607	.1560	-.2199	.4986	.5078	.4431	.1929	-.1939	.5069	.5210	.5120	.0668	.0416

X/LB .8580

Y/DB	-.107	-.2365	-.085	-.0775	-.064	-.3622	-.043	-.3259	-.021	-.5217	.000	-.3942
------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	------	--------

ALPHA( 8 ) = 4.800 BETA( 2 ) = -8.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500																																																									
Y/DB	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	-.2287	-.3452	-.3601	-.3595	-.3553	-.2365	-.2908	-.3909	-.4364	.1966	-.2154	-.2485	-.1836	-.3593	-.4364	.5201	.7555	.4162	.6907	.7213	.2794	-.3615	.5833	.0900	.6185	.6661	.6925	.6839	.1139	.5807	.6473	.6491	.5317	.1560	.5247	.5654	.5241	.0496	-.1485	.5089	.5392	.5005	.0906	-.3072	.5045	.5169	.4607	.1560	-.2199	.4986	.5078	.4431	.1929	-.1939	.5069	.5210	.5120	.0668	.0416

X/LB .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 1D

ARC11-716 1A14 D1+T12+S12N25+AT1C ORB ATTACH PTS (RB1133)

ALPHA2 ( 8 ) = 4.800 BETA2 ( 2 ) = -0.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW  
-.107 -.2847  
-.085 -.1018  
-.064 -.3194  
-.043 -.5211  
-.021 -.5245  
.000 -.4134

ALPHA3 ( 8 ) = 4.800 BETA3 ( 3 ) = -5.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.0890  
-.1401  
-.0977  
-.0477  
-.3452  
-.4205  
-.0999  
-.0910  
-.0882  
-.2932  
.2403  
.5012  
.7373  
.2932  
.4349  
.5012  
.7373  
.0000  
.5327  
.5327  
.5849  
.5849  
.6371  
.6371  
.6892  
.6892  
.6103  
.6103  
.4639  
.4639  
.0288  
.0288  
-.4543  
-.4543  
-.4499  
-.4499  
-.4194  
-.4194  
-.0113  
-.0113  
-.3479  
-.3479  
.3862  
.3862  
.0701  
.0701  
-.2689  
-.2689  
.4393  
.4393  
.4381  
.4381  
.3735  
.3735  
.0961  
.0961  
-.2147  
-.2147  
.4470  
.4470  
.4488  
.4488  
.4233  
.4233  
.0562  
.0562  
-.0364  
-.0364

X/LB .8580

Y/BW  
-.107 -.3254  
-.085 -.1858  
-.064 -.3093  
-.043 -.5198  
-.021 -.5328  
.000 -.4405

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TABLATED PRESSURE DATA - IA14A - VOL. 10

(R81133)

ARC11-716 IA14 OI+718+SIEN3+AT10 ORB ATTACH PTS

ALPHA ( 8 ) = 4.800 BETA ( 4 ) = -3.970

SECTION ( 11088 ) ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW	-.877	-.858	-.834	-.813	-.792	-.771	-.750	-.729	-.708	-.687	-.666	-.645	-.624	-.603	-.582
X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500

X/LB .8380

V/BW	-.107	-.3399	-.083	-.1370	-.064	-.3667	-.043	-.5288	-.021	-.5576	.000	-.4754
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ALPHA ( 9 ) = 4.220 BETA ( 5 ) = -2.000

SECTION ( 11088 ) ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW	-.877	-.858	-.834	-.813	-.792	-.771	-.750	-.729	-.708	-.687	-.666	-.645	-.624	-.603	-.582
X/LB	.0870	.0930	.1020	.1100	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500

X/LB .8380

V/BW	-.107	-.3399	-.083	-.1370	-.064	-.3667	-.043	-.5288	-.021	-.5576	.000	-.4754
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ARC11-716 IAI4 01+712+312M25+AT10 OR0 ATTACH PTS

ALPHAD (0) = 4.220 BETA0 (0) = -2.000

SECTION (1) OR0 ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0500
Y/0W	
- .17	-3.627
- .08	-1.804
- .06	-3.707
- .04	-3.346
- .02	-3.503
.000	-3.529

ALPHAD (0) = 4.240 BETA0 (0) = -.070

SECTION (1) OR0 ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1120	.1100	.1180	.1260	.1330	.7600	.7950	.8040	.8110	.8190	.8270	.8350	.8500
Y/0W															
- .277									.1901		.1599	.0996	-.0492	-.2165	
- .256									.2050		.1544	.0964	-.1468	-.3363	
- .234								.3042			.1355	.1457	-.2741	-.3570	
- .213							.3063		.4584		.1181				
- .192								.3175		.0000	.2750	.3247	-.0368	-.3919	
- .170									.2947		.2976	.3252	.2905	-.1642	
- .149											.2823	.3205	.2923	.1814	
- .107															-.8931
- .085											.2861	.2955	.2096	-.2193	-.3973
- .064											.2847	.2823	.1911	-.2016	-.4758
- .043											.2834	.2685	.1760	-.1525	-.4537
- .021											.2720	.2568	.1690	-.1441	-.3315
.000	.6444	.8672	.0000	.0000	.0000	-.3994					.2736	.2558	.1997	-.0989	-.2538

K/LB .0500

Y/0W	
- .107	-3.804
- .085	-3.875
- .064	-3.169
- .043	-4.586
- .021	-4.853
.000	-3.364

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ARC11-716 IA14 O1TIR\*SIEN25\*ATI0 ORB ATTACH PTS (R81133)

ALPHA ( θ ) = 4.890 BETA ( β ) = 1.990

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8900
.277										.3346	.3000	.1482	-.1016		
.296							.3763			.3269	.3181	.0365	-.2374		
.234						.5483	.4613			.3114	.3392	-.2242	-.3134		
.213					.4831	.5805	.6992			.1505					
.192					.4483	.0900				.2881	.3468	.1650	-.3236		
.170						.3424				.3269	.3630	.4945	-.1911		
.148										.3390	.3819	.4390	.5051		
.127															-.3758
.105										.2801	.2813	.1806	-.1937	-.2881	
.084										.2653	.2525	.1469	-.2178	-.3017	
.063										.2552	.2343	.1261	-.1781	-.3362	
.042										.2444	.2185	.1217	-.1696	-.3134	
.021										.2438	.2180	.1667	-.1641	-.2623	
.000	.8774	.8662	.8500	.8300	.8100	.7900	.7700								

Y/B = .8560

.107	-.3969
.065	-.2919
.061	-.2338
.043	-.2463
.021	-.4016
.000	-.4922

ALPHA ( θ ) = 4.430 BETA ( β ) = 4.100

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8900
.277											.4692	.4280	.2587	-.0494	
.296							.5201			.4625	.4716	.1081	-.2035		
.234						.7073	.6402			.4444	.5454	-.1878	-.2774		
.213					.6137	.7167	.8982			.2394					
.192					.5651	.0900	.4311			.4454	.2571	-.2690			
.170						.4330				.4262	.4726	.5002	.2673		
.148										.4374	.3038	.6302	.6711		
.127															-.3709
.105										.3672	.4012	.2992	-.1590	-.3758	
.084										.3425	.3872	.2473	-.1861	-.4832	
.063										.3255	.3552	.1920	-.1564	-.3644	
.042										.2760	.2592	.1655	-.1044	-.2849	
.021										.2547	.2312	.1585	-.2349	-.2168	
.000	.8462	.8261	.8000	.7800	.7600	.7400	.7200								

Y/B = .8380



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R81133)

ARC11-716 IA14 O1+T12+S12M25+AT10 ORB ATTACH PTS

ALPHA (  $\theta$  ) = 4.430 BETA (  $\theta$  ) = 4.103

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW
.6500	
	-.107
	-.085
	-.084
	-.043
	-.021
	.000
	-.4227

ALPHA (  $\theta$  ) = 4.410 BETA (  $\theta$  ) = 6.060

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	-.877											.5532	.5016	.3117	-.0176	
	-.856									.6168		.5636	.5641	.2349	-.1762	
	-.834								.7910	.7444		.5553	.6467	-.1792	-.2796	
	-.813						.6931		.7991	.9639		.3407	.5249	.3508	-.2169	
	-.192								.6376	.0000	.4855	.5019	.5424	.5466	.4240	
	-.170								.4972			.4871	.5409	.6632	.7367	
	-.149															-.3835
	-.107											.4117	.4463	.3516	-.1176	-.3387
	-.085											.3944	.4075	.2987	-.1497	-.4029
	-.064				.1019	-.2123	-.3717	-.2496				.3607	.3607	.2428	-.1197	-.3623
	-.043		.6496	.5746	-.0916	-.4832	-.3416	-.2476				.3312	.3117	.219	-.0336	-.2483
	-.021		.7819	.9129	-.5223	-.5194	-.3996	-.4023				.3008	.2893	.2698	-.1328	-.2303
	.000		.6034	.8173	.0000	.0000	.0000	-.4186								

X/LB	Y/BW
.6500	
	-.107
	-.085
	-.064
	-.043
	-.021
	.000
	-.3774

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ARC11-716 IA14 01+718+312N2+AT1D ORB ATTACH PTS

(RB1133)

ALPHA( 8 ) = 4.410 BETA( 10 ) = 8.150

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1350	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/84	-.277								.6582	.5918	.5448	.5331	.0097	
	-.256						.8246		.7819	.6050	.6083	.2940	-.1733	
	-.234								.5850	.5850	.7094	-.1510	-.2712	
	-.213			.7194			.8233	.9669	.3632	.5120	.5314	.3185	-.2209	
	-.192						.6937	.0000	.5135	.5200	.5431	.5480	.4436	
	-.170							.5135	.4793	.5035	.5021	.6277		
	-.149													-.3934
	-.107									.3754	.4122	.3151	-.1606	-.3207
	-.085				.1375	-.1620				.3762	.3799	.2714	-.1801	-.3789
	-.064					-.3303	-.2512			.3445	.3417	.2111	-.1535	-.3087
	-.043		.6289	.5800	-.0433	-.4300	-.3020	-.2310		.3081	.2917	.1799	-.0909	-.0961
	-.021		.7543	.9520	-.4808	-.5272	-.3943			.2793	.2657	.2448	-.1127	-.1489
	.000		.5693	.7959	.0000	.0000	-.4402							
X/LB	.0670	.0950	.1020	.1100	.1180	.1350	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500

Y/84 .8580

Y/84	-.107	-.3144
	-.085	-.2645
	-.064	-.2593
	-.043	-.0654
	-.021	-.0065
	.000	-.3612

ALPHA( 8 ) = 4.390 BETA( 11 ) = 10.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/84	-.277										.6394	.5935	.3970	.0492	
	-.256							.8559	.8212	.7027	.6574	.6723	.3440	-.1476	
	-.234										.6249	.7986	-.1224	-.2277	
	-.213			.7461				.8439	.9651	.3822	.5299	.5382	.2038	-.2092	
	-.192							.6632	.0000	.5198	.5229	.5294	.5184	.3758	
	-.170								.4586	.4610	.5053	.5053	.4637		
	-.149														-.3748
	-.107									.3002	.3412	.2461	-.2370	-.3430	
	-.085				.1772	-.1064	-.2840	-.2738		.3088	.3244	.2284	-.2266	-.3537	
	-.064		.8147	.5804	.0038	-.3638	-.2814	-.2306		.3073	.2999	.1764	-.1984	-.2919	
	-.043		.7389	.9420	-.4159	-.5123	-.3043	-.3934		.2794	.2565	.1305	-.1405	-.0905	
	-.021		.5845	.7795	.0000	.0000	-.4810			.2480	.2320	.2059	-.0436	-.0444	
	.000														
X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500

Y/84 .8180



(RB1133)

ARC11-716 IA14 01+T12+S12N23+T110 ORB ATTACH PTS

ALPHA( 0 ) = 4.390 BETA( 11 ) = 10.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8360

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 9 ) = 6.340 BETA( 1 ) = -9.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

-.1830
-.2948
-.1958
.4191
.6942
.6745
.5971
.5415
.5301
.5221
.5132
.5285
-.3239
-.1767
-.1392
-.4191
.7278
.7040
.6591
.5413
.5579
.5374
.5260
.5379
-.3293
-.2765
-.3567
-.3342
-.3851
-.4416
-.3614
-.1091
-.5235
.1348
-.1807
-.3182
-.2136
-.1797
.1148
.0370

X/LB .8360

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

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(RB1133)

ALPHAO ( 1 ) = 6.380 BETAO ( 2 ) = -7.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW								.4788							
									.2548						
								.5400	.5400						
								.5826	.5826						
									.6391						
									.5627						
															.0989

X/LB .8560

Y/BW

	-1.107	-2841
	-0.085	-0.924
	-0.064	-3.187
	-0.043	-5.171
	-0.021	-5.213
	.000	-4.135

ALPHAO ( 3 ) = 5.980 BETAO ( 3 ) = -6.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW								.4401							
									.2434						
								.5061	.7359						
								.5407	.5526						
									.5937						
									.5212						
															.0375

X/LB .8560



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAL14A - VOL. 10  
ARC11-716 IAL14 01+712+S18N25+AT10 ORB ATTACH PTS (R81133)

ALPHA( 9 ) = 5.990 BETA( 3 ) = -6.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BA  
-.107 -.3203  
-.085 -.1236  
-.064 -.3116  
-.043 -.5221  
-.021 -.9338  
.000 -.4384

ALPHA( 9 ) = 5.990 BETA( 4 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0980 .1020 .1100 .1160 .1260 .1330 .7880 .7980 .8040 .8110 .8190 .8270 .8350 .8300

Y/BA  
-.277  
-.258  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000 .7033 .8938 .0000 .0000 .0000  
-.3276 -.6119 -.4086 -.3327  
.6754 .8984 -.4909 -.5923 -.4343 -.3993  
.8652 .7617 -.5386 -.5129 -.4559 -.4164  
-.000 .0000 .0000 .0000 .0000 .0000  
-.0765 -.2111 -.2744 -.2925  
-.1263 -.0961 -.2004 -.3364  
-.0929 -.0688 -.3496 -.4208  
.2093 -.0851 -.0929 -.0688  
.4496 .6576 .2241  
.3840 .5507 .5776 .1582 -.4008  
.4811 .0000 .5380 .5687 .5631 .0039  
-.5002 .4730 .5393 .5352 .4019  
-.0474  
.4269 .4648 .4223 -.0342 -.8908  
.4196 .4463 .3965 -.0142 -.3982  
.4124 .4284 .3609 .0377 -.3024  
.4113 .4121 .3513 .0350 -.2263  
.4121 .4178 .3928 .0315 -.0708

X/LB .8580

Y/BA  
-.107 -.3318  
-.085 -.1484  
-.064 -.3448  
-.043 -.5277  
-.021 -.5519  
.000 -.4669

(RB1133)

ARC11-718 IA14 01+T12+312MS+AT10 .48 ATTACH PTS

ALPHA( 9 ) = 6.010 BETA( 5 ) = -2.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1350	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	-.000	.0610	.0580
								.3244	.3892	.3914	.4080	.4342	.4186	.4201	
								.2269	.3811	.0000	.4160	.4321	.0464	-.4201	
								.0228	-.0131	-.788	-.0527	-.3737	-.4239	-.3338	
											.0151	-.0919	-.2390	-.3338	
											.3665	.3822	.3206	-.1316	-.3449
											.3558	.3840	.3149	-.0914	-.4440
											.3673	.3804	.3042	-.0292	-.3377
											.3707	.3746	.3055	-.0095	-.2808
											.3816	.3819	.3521	-.0170	-.1171
															-.1153

X/LB .8580

Y/DB
-.107
-.085
-.064
-.043
-.021
-.000
-.5012

ALPHA( 9 ) = 6.050 BETA( 6 ) = .050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	-.000	.0610	.0580
								.3251	.3707	.3384	.2904	.3388	-.0228	-.3894	
								.2061	.2218	.0000	.3129	.3401	.3026	-.1439	
											.3098	.3377	.3063	.2028	
											.1785	.1158	-.0312	-.2013	
											.1676	.1086	-.1313	-.3260	
											.1482	.1542	-.2649	-.3532	
											.2954	.2871	.1870	-.1400	-.4487
											.2995	.2871	.1870	-.1400	-.4487
											.2948	.2748	.1859	-.1301	-.3247
											.2940	.2720	.2204	-.0862	-.2450
															-.2847
											.3036	.3112	.2216	-.2066	-.3813
											.3028	.2969	.2093	-.1930	-.4645
											.2995	.2871	.1870	-.1400	-.4487
											.2948	.2748	.1859	-.1301	-.3247
											.2940	.2720	.2204	-.0862	-.2450

X/LB .8580



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI14 - VOL. 10

(R011133)

ARC11-716 IAI14 01+112+512N25+AT10 088 ATTACH PTS

ALPHA( 9 ) = 6.020 BETA( 6 ) = .050

SECTION ( 1 ) 088. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW	
-.107	-.3835
-.085	-.2675
-.064	-.3102
-.043	-.4570
-.021	-.5020
.000	-.5168

ALPHA( 9 ) = 6.010 BETA( 7 ) = 2.060

SECTION ( 1 ) 088. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .0580

Y/BW	
-.107	-.3892
-.085	-.2924
-.064	-.2418
-.043	-.2760
-.021	-.4585
.000	-.5212



ARC11-716 IA14 01+T12+S12N23+AT10 ORB ATTACH PTS

(RB1133)

ALPHA( 9 ) = 5.990 BETA( 9 ) = 4.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.4776	.4427	.2735	-.0361	
	-.258								.5312		.4748	.4859	.2037	-.1960	
	-.234							.7045	.6499		.4518	.5731	-.1772	-.2800	
	-.213						.6062	.7139	.8781		.2500				
	-.192							.5611	.9000		.4016	.4391	.2717	-.2470	
	-.170							-.264			.4228	.4579	.4810	.5111	
	-.149										.4225	.4825	.6161	.6551	
	-.107														-.3536
	-.085										.3467	.3783	.2613	-.1637	-.3267
	-.064										.3209	.3300	.2247	-.2002	-.3810
	-.043						.0429	-.2788	-.4314	-.2451					
	-.021						.6398	.5036	-.1782	-.3369	-.3390	-.2602			
	.000						.7626	.7636	-.5597	-.4643	-.4026	-.3778			
							.6229	.7878	.0000	.0000	.0000	-.4032			
X/LB	.8580														

ALPHA( 9 ) = 5.990 BETA( 9 ) = 4.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.5538	.5023	.3144	-.0139	
	-.258								.6191		.5641	.5600	.2420	-.1749	
	-.234							.7449	.5471		.6513	-.1729	-.2799		
	-.213						.6923	.7954	.9642		.3407				
	-.192							.6521	.4827		.4827	.5225	.3463	-.2166	
	-.170							.0000	.4987		.5028	.5384	.5459	.4319	
	-.149										.4832	.5358	.6705	.7182	
	-.107														-.3840
	-.085										.4584	.4424	.3458	-.1834	-.3277
	-.064						.1136	-.1943	-.3783	-.3449					
	-.043						.6133	.5667	-.0677	-.4638	-.4087	-.2586			
	-.021						.7447	.9091	-.5185	-.5130	-.3930	-.4047			
	.000						.5933	.7829	.0000	.0000	.0000	-.4144			
X/LB	.8580														

ALPHA( 9 ) = 5.990 BETA( 9 ) = 4.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.258														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.8580														

ALPHA( 9 ) = 5.990 BETA( 9 ) = 4.060



TABLATED PRESSURE DATA - IA14A - VOL. 1D

(RB1133)

ARC11-716 IA14 OI+T12+S12H25\*AT10 ORB ATTACH PTS

ALPHA( 9 ) = 5.000 BETA( 9 ) = 6.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/BW	
-.107	-.3160
-.085	-.2602
-.064	-.2020
-.043	-.0850
-.021	-.0492
.000	-.3806

ALPHA( 9 ) = 5.070 BETA( 10 ) = 6.160

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7860 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW													
-.277									.5893	.5460	.3575	.0145	
-.256								.6506	.5981	.6102	.2972	-.1727	
-.234							.6202	.7768	.5679	.7077	-.1455	-.2681	
-.213							.7166	.8207	.9713	.3603			
-.192							.6479	.0000	.5952	.5238	.3078	-.2243	
-.170								.5114	.5163	.5389	.5420	.4368	
-.149									.4794	.5072	.5992	.6303	
-.107													-.4183
-.085									.3848	.4222	.3242	-.1549	-.3537
-.064									.3850	.3689	.2600	-.1772	-.3976
-.043									.3323	.3484	.2223	-.1471	-.3560
-.021									.3174	.2992	.1908	-.0818	-.1429
.000									.2916	.2740	.2548	-.1148	-.1920

X/LB .6500

Y/BW	
-.107	-.3342
-.085	-.2710
-.064	-.2604
-.043	-.0901
-.021	-.0267
.000	-.3641



(RB1133)

ARC11-716 IA14-01+712+512825+AT110 ORB ATTACH PTS

ALPHA( 0 ) = 3.950 BETA( 11 ) = 10.160

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277									.6330	.5917	.5981	.5981	.0492	
	-.236							.6909		.6467	.6673	.3449		-.1372	
	-.234							.4403		.6164	.7921	-.1191		-.2334	
	-.213						.7333	.0384	.9744	.3648					
	-.192							.6544	.0900	.5162	.5216	.2083		-.2145	
	-.170								.5067	.5131	.5187	.5074		.3682	
	-.149									.4548	.4590	.5139		.4767	
	-.107														-.3089
	-.085									.3176	.3584	.2647		-.2236	-.3586
	-.064			.1751	-.1173	-.3069	-.3237			.3194	.3376	.2410		-.2130	-.3743
	-.043		.6091	.0101	-.3693	-.3536	-.2335			.3129	.3082	.1843		-.1763	-.2789
	-.021		.7232	.9353	-.4311	-.5191	-.3975			.2850	.2627	.1456		-.1310	-.0150
	.000	.5503	.7619	.0000	.0000	.0000	-.4853			.2552	.2396	.2083		-.0754	-.0675

X/LB .0580

Y/BW

-.107	-.2967
-.065	-.2659
-.064	-.2119
-.043	-.0608
-.021	-.0186
.000	-.3205

ALPHA( 0 ) = 7.910 BETA( 1 ) = -10.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7280	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.236									-.2573	-.2743	-.1587		-.2689	-.3759
	-.234							.2019	-.1779	-.1800	-.1234	-.3556		-.4369	
	-.213							.4731	.5167	.7600	.4054				
	-.192							.5756	.0000	.6875	.7177	.2707		-.3630	
	-.170								.6216	.6655	.6962	.6862		.1052	
	-.149									.5874	.6525	.6492		.5248	
	-.107														.1237
	-.085									.5348	.5748	.5343		.0467	-.1924
	-.064			-.4471	-.7273	-.6387	-.3980			.5221	.5512	.5117		.0919	-.3202
	-.043		.6289	.2100	-.5838	-.7086	-.4651			.5157	.5308	.4753		.1566	-.2232
	-.021		.8349	.7429	-.6408	-.6188	-.5493			.5157	.5233	.4581		.1694	-.1811
	.000	.8846	.8613	.0000	.0000	.0000	-.3747			.5216	.5349	.5226		.1050	.0343

X/LB .0560

Y/BW

-.107	-.2967
-.065	-.2659
-.064	-.2119
-.043	-.0608
-.021	-.0186
.000	-.3205



DATE 09 JAN 75  
TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC11-716 IA14 01+112+512N25+AT10 ORB ATTACH PTS  
(RB1133)

ALPHA(10) = 7.910 BETA( 1) = -10.030  
SECTION ( 1) ORB. ATTA. POINTS DEPENDENT VARIABLE CP

X/LB	Y/DB
.8380	
.8334	
.0745	
.3507	
.5185	
.5174	
.4015	

ALPHA(10) = 7.930 BETA( 2) = -6.030  
SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/DB
.0870	
.0950	
.1020	
.1100	
.1180	
.1260	
.1330	
.7800	
.7960	
.8040	
.8110	
.8190	
.8270	
.8350	
.8500	

X/LB	Y/DB
.8380	
.8334	
.0745	
.3507	
.5185	
.5174	
.4015	

ALPHA(10) = 7.930 BETA( 2) = -6.030  
SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/DB
.8380	
.8334	
.0745	
.3507	
.5185	
.5174	
.4015	

ARC11-716 IA14 O1+T1E+S12NBS+AT1D ORB ATTACH PTS (R01133)

ALPHA(10) = 7.810 BETA( 3) = -3.970

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L	0.070	0.090	0.100	0.1100	0.1200	0.1330	0.7880	0.7960	0.8040	0.8110	0.8190	0.8270	0.8350	0.8500
T/8W														
- .877														
- .836														
- .834														
- .813														
- .392							.4426							
- .170							.5384	.0000	.6071	.6345	.777			
- .149							.5435		.5867	.6194	.6086			
- .107							.5164		.5828	.5806	.4523			
- .285									.4607	.4932	.4452			.0283
- .064									.4532	.4733	.4172			.0036
- .043									.4519	.4591	.5843			.0621
- .021									.4501	.4448	.3792			.0922
- .000									.4537	.4572	.4347			.0533
														.0388

X/L 0.8580

T/8W

- .107
- .1320
- .1326
- .3113
- .9282
- .3440
- .4532

ALPHA(10) = 7.850 BETA( 4) = -4.000

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L	0.070	0.090	0.100	0.1100	0.1200	0.1330	0.7880	0.7960	0.8040	0.8110	0.8190	0.8270	0.8350	0.8500
T/8W														
- .877														
- .836														
- .834														
- .813														
- .392							.3988							
- .170							.2221	.0722	.6730	.2316				
- .149							.4948	.0000	.5806	.5945	.1582			.4003
- .107								.5087	.5487	.5813	.5701			.0013
- .085								.4933	.5464	.5435	.4122			
- .064									.4398	.4736	.4268			.0350
- .043									.4297	.4560	.4040			.0157
- .021									.4251	.4350	.3673			.0343
- .000									.4230	.4211	.3559			.0553
									.4221	.4239	.4023			.0358
														.0748

X/L 0.8580



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10

ARC11-716 IAL14 CR+112+S12M5\*AT10 ORB ATTACH PTS (R011123)

ALPHA(10) = 7.030 BETA( 4) = -4.070

SECTION ( 1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .0900

Y/BW

-.107 -.3324  
-.085 -.1541  
-.064 -.3475  
-.343 -.5305  
-.021 -.5560  
.000 -.4736

ALPHA(10) = 7.030 BETA( 5) = -2.030

SECTION ( 1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .0670 .0950 .1020 .1100 .1140 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.065  
-.084  
-.043  
-.021  
.000 .6984 .8920 .0000 .0000 -.4085  
-.2300 -.5745 -.3531 -.2573  
.6493 .3083 -.4377 -.5599 -.4320 -.3751  
.8186 .7263 -.4983 -.4743 -.4396 -.4082  
.3216 .3730 .4765 .0545  
.2280 -.0059 .4765 .0545  
.0302 -.0356 -.0909 -.1790 -.3692  
.0225 -.0823 -.2305 -.3322

R/LB .0900

Y/BW

-.107 -.3645  
-.085 -.1871  
-.064 -.3741  
-.043 -.5451  
-.021 -.5632  
.000 -.5028

ARC11-716 1A14 01+T12+SIEM23+AT10 ORB ATTACH PTS

(RB1133)

ALPHA(10) = 7.840 BETA( 8) = .040

SECTION ( 1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW															
-277									.2027		.1627	.1144	-.0458	-.2172	
-216									.3170		.1586	.0961	-.1371	-.3368	
-234									.3774		.1297	.1600	-.2729	-.3644	
-213								.3297	.4371		.1267				
-192									.3432		.3017	.3490	-.0239	-.3892	
-170										.3211	.3187	.3524	.3127	-.1471	
-149											.3171	.3449	.3148	.2121	
-107											.3171	.3209	.2364	-.2021	-.3815
-085											.3142	.3108	.2193	-.1822	-.4547
-064											.3123	.2986	.2212	-.1258	-.4284
-043	.6442	.3746	-.1516	-.4924	-.3332	-.1995					.3093	.2867	.1984	-.1141	-.3152
-021	.8011	.7555	-.5115	-.4287	-.4274	-.3880					.3062	.2901	.2369	-.0670	-.3337
000	.6424	.8203	.0000	.0000	-.4078										

X/L = .8590

V/BW	-3706	-2533	-3077	-4508	-4962	-5085
-107						
-107						
-085						
-064						
-043						
-021						
000						

ALPHA(10) = 7.830 BETA( 7) = 8.040

SECTION ( 1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW															
-277											.3087	.2704	.1892	-.1140	
-216									.5400		.3048	.3025	.0396	-.2392	
-234									.4833		.2753	.3555	-.2153	-.3151	
-213								.4272	.5093		.1678				
-192									.4092		.2709	.3263	.1019	-.3470	
-170									.3327		.3126	.3401	.3510	.1157	
-149										.3252	.3519	.3798	.4274		
-107											.2995	.2876	.1936	-.1976	-.8722
-085											.2825	.2726	.1663	-.2137	-.3355
-064											.2825	.2606	.1546	-.1641	-.3698
-043	.6304	.4019	-.3057	-.5592	-.3790	-.3203					.2799	.2583	.1559	-.1550	-.3791
-021	.7663	.7346	-.5351	-.4379	-.4347	-.3916					.2794	.2590	.1972	-.1428	-.8211
000	.6883	.7983	.0000	.0000	-.4090										

X/L = 8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(R01133)

ARC11-716 IAI4 01PT12+312N25\*AT10 ORB ATTACH PTS

ALPHA(10) = 7.030 BETA ( 7 ) = 2.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0380

Y/BW  
-.107  
-.3953  
-.089  
-.2942  
-.064  
-.2462  
-.043  
-.2909  
-.021  
-.4680  
.000  
-.5216

ALPHA(10) = 7.070 BETA ( 8 ) = 4.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.5283  
-.6448  
-.6979  
-.8594  
-.0000  
-.4252  
.6014  
.6979  
.5450  
.4854  
.4879  
.6466  
.2632  
.4097  
.4516  
.4561  
.3399  
.3106  
.2806  
.2331  
.2282  
.4491  
.5014  
.5992  
.4426  
.4516  
.4561  
.3591  
.3139  
.2695  
.2273  
.2029  
.2617  
.2130  
-.1700  
.2726  
.4524  
.3437  
.3697  
.6201  
-.3445  
-.8943  
-.3348  
-.8662  
-.1463  
-.2288  
-.1807  
-.0239  
-.1865  
-.2804  
-.2366  
-.3437  
-.6201  
-.1820  
-.2147  
-.1840  
-.1161  
-.2288  
-.1701

X/LB .0380

Y/BW  
-.107  
-.2964  
-.085  
-.2369  
-.064  
-.1965  
-.043  
-.1018  
-.021  
-.1008  
.000  
-.4132



(RB1133)

ARC11-716 IA14 01+T18+S18N25+AT10 ORB ATTACH PTS

ALPHA(10) = 7.970 BETA( 9) = 6.160

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.5438	.4937	.3188	-.0088	
-.256								.8021			.5466	.5554	.2553	-.1782	
-.234								.7770			.5290	.6452	-.1607	-.2750	
-.213								.6816			.3249				
-.192								.6198			.4713	.5016	.3311	-.2321	
-.170											.4913	.5237	.5325	.4121	
-.149											.4729	.5250	.6532	.6938	
-.127															
-.085											.4007	.4375	.3407	-.1272	-.3389
-.064											.3862	.4001	.2952	-.1534	-.3976
-.043											.3542	.3568	.2371	-.1217	-.3467
-.021											.3249	.3077	.2135	-.0552	-.2246
.000											.3024	.2848	.2658	-.1409	-.2007

X/LB .8580

Y/BW

-.107	-.3134
-.085	-.2576
-.064	-.2617
-.043	-.0947
-.021	-.0586
.000	-.3951

ALPHA(10) = 7.960 BETA( 10) = 6.110

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											.5731	.5367	.3575	.0193	
-.256								.6306			.5826	.6026	.3043	-.1755	
-.234								.8040			.5529	.7145	-.1337	-.2616	
-.213								.6942			.3348				
-.192								.6264			.4831	.5021	.2936	-.2324	
-.170											.4966	.5119	.5149	.4080	
-.149											.4618	.4940	.5977	.6217	
-.127															
-.085											.3760	.4133	.3237	-.1594	-.3372
-.064											.3708	.3830	.2762	-.1750	-.4087
-.043											.3437	.3425	.2204	-.1428	-.3427
-.021											.3101	.2947	.1911	-.0777	-.1715
.000											.2869	.2708	.2480	-.1230	-.1979

X/LB .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1133)

ARC11-716 IA14 05+112+S12N25+AT10 ORB ATTACH PTS

ALPHA(10) = 7.960 BETA(10) = 0.110

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580  
Y/BW  
-.107 -3173  
-.085 -2641  
-.064 -2368  
-.043 -0937  
-.021 -0419  
.000 -3687

ALPHA(10) = 7.960 BETA(11) = 10.230

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
.0873 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
Y/BW  
.6058 .5754 .3881 .0461  
.6190 .6550 .3413 -.1718  
.5889 .7775 -.1206 -.2400  
.3332  
.4881 .4959 .2125 -.2389  
.4889 .4892 .4812 .3342  
.4389 .4487 .3056 .4867  
-.4052  
.3275 .3673 .2769 -.2178 -.3771  
.3265 .3447 .2447 -.2103 -.4040  
.3112 .3094 .1867 -.1769 -.3166  
.2793 .2602 .1519 -.1233 -.0924  
.2534 .2336 .2062 -.1030 -.1141

X/LB .0580  
Y/BW  
-.107 -3101  
-.085 -2739  
-.064 -2263  
-.043 -0808  
-.021 -0007  
.000 -3452



(R01133)

ARC11-716 IA14 OI+T12+S12N23+T10 ORB ATTACH PTS

ALPHA0(11) = 9.890 BETA0 (1) = -9.960

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1100	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877														
	-.898														
	-.234							.1058	-.1909	-.1873	-.1421	-.3307	-.4231		
	-.213							.4448	.4857	.7333	.3836				
	-.192							.5554	.0000	.6626	.6998	.2549	-.3762		
	-.170								.5683	.6392	.6749	.6630	.0864		
	-.149									.5633	.6284	.6276	.5034		
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
	.0731														
X/LB	.8360														
	.5110	.5479	.5097	.0262	-.1955										
	.5017	.5301	.4882	.0751	-.3340										
	.4973	.5139	.4582	.1369	-.8385										
	.4965	.5016	.4434	.1706	-.1968										
	.5056	.5187	.5068	.0908	-.0190										

ALPHA0(11) = 9.930 BETA0 ( 2 ) = -7.920

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.065														
	-.064														
	-.043														
	-.021														
	.000														
	.0870														
X/LB	.8590														
	.6433	.6309	.6144	.0524											
	.5941	.5941	.6144	.0524											
	.5171	.5813	.5806	.4681											
	.4736	.5137	.4646	-.0090	-.1981										
	.4695	.4956	.4374	.0316	-.3478										
	.4674	.4780	.4183	.0966	-.2615										
	.4692	.4754	.4132	.1333	-.2098										
	.4803	.4909	.4637	.0727	-.0113										



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(R01:33)

ARC11-716 IAI4 D1+T12>S1E25\*AT10 ORB ATTACH FTS

ALPHAD(11) = 9.83C BETAO ( 2 ) = -7.92D

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0980	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8330	.8300

ALPHAD(11) = 9.84D BETAO ( 3 ) = -6.01D

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8330	.8300

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0675	.0719	.0700	.0700	.0700	.0700	.0700	.0700	.0700	.0700	.0700	.0700	.0700	.0700	.0700

ORIGINAL PAGE IS OF POOR QUALITY



ARC11-716 IA14 01-T1B+512R25\*ATIO ORB ATTACH PTS

(RB1133)

ALPHA(11) = 0.690 BETA ( 4 ) = -3.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB															
								.3946	.2367	-.0647	-.1033	-.1843	-.2755	-.3082	
								.4699	-.0647	-.0914	-.1063	-.1951	-.3402		
								.4950	.6770	.2094	.5556	.5809	.1475	-.4005	
								.5098	.0000	.5402	.5770	.5617	-.3144		
										.4833	.5431	.5341	.3962		
											.4330	.4676	.4169	-.0664	-.0668
											.4250	.4477	.3908	-.0336	-.3024
											.4212	.4319	.3531	.0242	-.4072
											.4184	.4151	.3448	.0389	-.3179
											.4191	.4206	.3875	.0293	-.2375
															-.0866

X/LB .8560

Y/DB
-.107
-.3580
-.1603
-.3461
-.3301
-.5653
-.4812

ALPHA(11) = 9.900 BETA ( 5 ) = -1.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7880	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB															
								.3003	.2305	.0053	-.0592	-.0385	-.3662	-.4145	
								.3658	.4657	.0460	.0344	-.0723	-.2177	-.3185	
								.3713	.0000	.3726	.3824	.4184	.3958	-.0872	
										.3503	.3903	.3747	.2347		
											.3673	.3779	.3122	-.1416	-.1263
											.3645	.3779	.3128	-.0976	-.4555
											.3663	.3766	.3304	-.0389	-.3688
											.3723	.3751	.3045	-.0164	-.2664
											.3810	.3928	.3626	-.0187	-.1194

X/LB .9360



ALPHAD(11) = 9.900 BETA( 5) = -1.980

SECTION ( 1) DR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/DB  
-.107 -.3652  
-.085 -.1921  
-.064 -.3911  
-.043 -.5414  
-.021 -.5879  
.000 -.5088

ALPHAD(11) = 9.910 BETA( 6) = .020

SECTION ( 1) DR8. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/DB  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
.6118 .8048 .0000 .0000 .0000  
.6214 .3564 -.7691 .7324 -.5118  
-.1661 -.5015 -.3421 -.2240  
-.1005 -.5717 -.3886 -.3534  
-.4431 -.4366 -.4053  
-.4103

X/LB .8580

Y/DB  
-.507 -.3665  
-.085 -.2505  
-.064 -.3226  
-.043 -.4632  
-.021 -.4836  
.000 -.4994

ORIGINAL DATA  
NOT AVAILABLE



(RB1133)

ALPHAD(11) = 9.900 BETA( 7 ) = 2.040

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	-.277											.2539	.2164	.0749	-.1436	
	-.256										.2803	.2459	.2308	-.0136	-.2648	
	-.234									.4140	.3392	.2218	.2819	-.2414	-.3299	
	-.213								.3721	.4484	.5263	.1362				
	-.192									.3568	.0000	.2246	.2765	.0534	-.3599	
	-.170										.2883	.2708	.2929	.2994	.0514	
	-.149											.2819	.3095	.3232	.3707	
	-.107															-.3123
	-.085											.2585	.2536	.1545	-.2140	-.2657
	-.064				-.0987	-.4076	-.3482	-.2086				.2487	.2420	.1419	-.2293	-.3428
	-.043		.5705	.3515	-.3375	-.5269	-.3592	-.3170				.2523	.2311	.1225	-.1804	-.3777
	-.021		.7075	.6753	-.5131	-.4430	-.4287	-.3654				.2562	.2308	.1375	-.1719	-.3353
	.000		.3568	.0000	.0000	.0000	-.3535					.2631	.2394	.1690	-.1470	-.2704

X/LB .8560

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	-.277											.4324	.3999	.2415	-.0314	
	-.256									.4649	.3683	.4218	.4466	.1755	-.1873	
	-.234								.6232	.5683	.4020	.4020	.5414	-.1739	-.2777	
	-.213								.5272	.6317	.7537	.2282				
	-.192									.4939	.0000	.3509	.3860	.2197	-.2759	
	-.170										.3710	.3620	.4039	.4117	.2820	
	-.149											.3574	.4034	.4949	.3208	
	-.107															-.3088
	-.085											.2888	.3124	.2030	-.2206	-.2533
	-.064				.0189	-.2876	-.4403	-.3745				.2630	.2724	.1624	-.2464	-.2794
	-.043		.3370	.4417	-.1868	-.3174	-.4383	-.3031				.2365	.2281	.1128	-.2061	-.2080
	-.021		.6748	.6986	-.5531	-.4796	-.4378	-.3899				.2125	.1947	.1012	-.1373	-.1850
	.000		.3272	.7131	.0000	.0000	.0000	-.4130				.1962	.1760	.1242	-.2400	-.1943

X/LB .8560



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA1-A - VOL. 10

(RB1133)

ARC11-716 IA14 01+T12+S12N2+AT1D ORB ATTACH PTS

ALPHA(111) = 0.000 BETA( 9) = 4.130

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/8W  
 -.107 -.2799  
 -.085 -.2409  
 -.064 -.1543  
 -.043 -.1028  
 -.021 -.1406  
 .000 -.4276

ALPHA(111) = 0.000 BETA( 9) = 6.100

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8530

Y/8W  
 -.277 .4941 .3104 -.0083  
 -.256 .5408 .2512 -.1640  
 -.234 .6413 -.1599 -.2765  
 -.213 .2994 .2975 -.2361  
 -.192 .4422 .4736 .2975  
 -.170 .4612 .4509 .4996 .3859  
 -.149 .4429 .4880 .6030 .6344  
 -.107 .3739 .4032 .3045 -.1520  
 -.085 .3343 .3681 .2626 -.1756  
 -.064 .3219 .3259 .2047 -.1458  
 -.043 .2922 .2791 .1809 -.0741  
 -.021 .2693 .2587 .2304 -.1641  
 .000 .4637 .7051 .0000 .0000 .0000 .0000 .4461  
 .0914 -.2141 -.4074 -.4524  
 .5452 .5338 -.0610 -.4690 -.5037 -.3310  
 .6720 .6941 -.5339 -.5480 -.4412 -.4263

X/LB .0580

Y/8W  
 -.107 -.2966  
 -.085 -.2370  
 -.064 -.2210  
 -.043 -.0747  
 -.021 -.0608  
 .000 -.3856



ARC11-716 IA14 01+712+512N25+AT10 ORB ATTACH PTS (R01133)

ALPHA(11) = 9.070 BETA(10) = 6.110

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .277											.5621	.5899	.3337	.0218	
- .258							.6157				.5677	.5959	.3001	-.1763	
- .234							.7898				.5368	.7073	-.1369	-.2622	
- .213							.6739				.3156				
- .192							.7831				.4633	.4757	.2708	-.2447	
- .170							.6077				.4744	.4937	.4940	.3008	
- .149							.4724				.4453	.4745	.5719	.5931	
- .127															
- .085															
- .064											.3654	.4031	.3084	-.1692	-.3959
- .043											.3576	.3715	.2636	-.1850	-.4015
- .021											.3267	.3299	.2074	-.1521	-.3257
.000											.2968	.2835	.1779	-.0823	-.1564
											.2754	.2613	.2359	-.1369	-.1677

K/LB .6580

Y/BW

- .107	- .3148
- .085	- .2660
- .064	- .2376
- .043	- .0871
- .021	- .0460
.000	- .1503

ALPHA(11) = 10.000 BETA(11) = 10.190

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
- .277															
- .258															
- .234															
- .213															
- .192															
- .170															
- .149															
- .127															
- .085															
- .064															
- .043															
- .021															
.000															

K/LB .8380

Y/BW

- .277	- .5614	.3825	.0443
- .258	.6434	.5378	-.1746
- .234	.7648	-.1199	-.2408
- .213			
- .192			
- .170			
- .149			
- .127			
- .085			
- .064			
- .043			
- .021			
.000			



(RB1133)

LABORATED PRESSURE DATA - 14144 - VOL. 10  
ARC 1716 IALA 31712\*812023\*AT10 ORB ATTACH -TS

ALPHA=11 + 10.000 BETA= 11 7 10.13

SECTION 17 ORB ATTACH POINT DEPENDENT VARIABLE CP

K/CB .8380

V/BW
-.107
-.085
-.084
-.043
-.021
.000
-.13465



ARC11-716 IA14 01+T12+S12N2+AT11 CR8 ATTACH PTS

(RB1134) ( 15 FEB 74 )

REFERENCE DATA

SREF = 2.4210 30.FT. XMRP = 29.3800 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 BRP = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHAD(1) = -8.010 BETAD(1) = -7.980

SECTION (1) CR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DW								.0003	.1633	.3333	.8078				
	-.877								-.1224	-.4029	-.5915	-.4433	-.5301	-.4981	-.4443
	-.836										-.7007	-.3558	-.3095		
	-.834										-.6700	-.6634	-.3653	-.5153	
	-.813														
	-.192								.1445	.0000	.2112	.3637	-.4842	-.3215	
	-.170								.1670	.2284	.2666	-.0419	-.3278		
	-.149									.1461	.2371	.0590	.0656		
	-.137														
	-.085									.0054	.0610	-.2636	-.8356	-.8660	
	-.064										-.0478	-.0186	-.3126	-.8172	-.7844
	-.043											-.1114	-.1226	-.3626	-.6668
	-.021												-.2389	-.3603	-.5841
	-.000												-.1954	-.2449	-.2935
X/LB															

PARAMETRIC DATA

MACH = .600 ELEVON = .000  
 RUDDER = .000 S'DBRN = .000

ALPHAD(1) = -7.980 BETAD(2) = -3.980

SECTION (1) CR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DW								.0020	.1460	.3089	.6298				
	-.877								-.0566	-.2326	-.6201	-.7398	-.3186	-.4363	
	-.836										-.3238	-.6613	-.4657	-.4086	
	-.834										-.6201	-.7398	-.3186	-.4363	
	-.813														
	-.192								.0968	.0500	.1315	.2966	-.3785	-.3471	
	-.170									.0950	.1533	.2065	-.0655	-.2851	
	-.149										.0885	.1793	-.0002	.0629	
	-.137														



TABLE OF PRESSURE DATA - IATA - VOL. 10

ARL11-716 IATA DI-712-S12M25\*AT11 C08 ATTACH PTS (R01134)

ALPHA (1) = -7.992 BETA(1,2) = -3.992

SECTION (1) C08	ATTACH POINTS	DEPENDENT VARIABLE CP
X/LB	.0870	.0050
	.1127	.1100
	.1150	.1126
	.1230	.7680
	.7960	.6040
	.8110	.8190
	.8270	.8350
	.8500	.8500
Y/BW		
	-.0124	.0336
	-.0615	-.0440
	-.1095	-.1245
	-.1544	-.1929
	-.1765	-.2313
	-.2755	-.7848
	-.3204	-.7598
	-.3583	-.6114
	-.3933	-.5365
	-.4540	-.6468
	-.8153	

X/LB .8980

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA(1) = -7.990 BETA(1,3) = .030

SECTION (1) C08 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW														
	-.277							.0096	-.2235	-.2942	-.3201	-.3872	-.4330	
	-.256							.0813	-.0753	-.3530	-.3634	-.3695	-.4230	
	-.234						.0155	.1925	-.5018	-.5018	-.4460	-.2709	-.3933	
	-.213							.0000	.0046	.0046	.1289	-.3350	-.3403	
	-.192							.0238	.0292	.0292	.0878	-.1197	-.2592	
	-.170								.0024	.0148	.0762	-.0758	.0121	
	-.148													-.5512
	-.107									-.0234	.0234	-.2451	-.6691	-.5300
	-.085									-.0584	-.0478	-.2905	-.6295	-.8475
	-.064									-.0975	-.1249	-.3225	-.5118	-.9078
	-.043									-.1357	-.1651	-.2826	-.4193	-.4780
	-.021									-.1765	-.1831	-.2236	-.3432	-.4817
	.000													

X/LB .8980

Y/BW
-.107
-.085
-.064
-.043
-.021
.000





DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI44 - VOL. 10

ARC11-715 IAI4 DI+T12+312NE5+AT11 CR8 ATTACH PTS (RB1134)

ALPHA ( 1 ) = -3.020 BETA ( 1 ) = 0.112

SECTION ( 1 ) CR8, ATTACH POINTS DEPENDEN VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277									.0353	-.1569	-.2456	-.4065	-.5747	
	-.256								.2987	.3324	-.2081	-.2516	-.4026	-.6452	
	-.234										-.3861	-.4778	-.2351	-.5966	
	-.213						.1759		.2626	.4012	.2696				
	-.192								.0726	.0000	-.0880	.0498	-.5370	-.4856	
	-.170								-.0366	-.0188	-.0466	-.0188	-.2643	-.5956	
	-.149										-.0936	.0033	-.2127	-.0649	
	-.107														-.6901
	-.085										-.1424	-.0977	-.3993	-.8835	-.8745
	-.064										-.1794	-.1852	-.4465	-.7595	-.6243
	-.043		.0119	.1260	.1113	-.4463	-.5804	-.4392			-.2388	-.2805	-.5102	-.6282	-.5633
	-.021		-.0063	.2874	.7179	-.7175	-.7250	-.5531			-.2640	-.3301	-.4406	-.4922	-.4689
	.000		-.0861	-.0030	.0000	.0000	-.5474				-.2770	-.3309	-.3574	-.4518	-.5362

X/LB .8580

Y/BW
-.107
-.5777
-.043
-.5107
-.064
-.5630
-.043
-.4975
-.021
-.4916
.000
-.5200

ALPHA ( 2 ) = -4.050 BETA ( 2 ) = -8.030

SECTION ( 1 ) CR8, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										-.3946	-.4798	-.4520	-.4129	
	-.256									-.3290	-.5403	-.6778	-.3498	-.3460	
	-.234								-.0720	-.3241	-.6267	-.6652	-.3247	-.4546	
	-.213						.0354		.1912	.3611	.8107				
	-.192								.1674	.0000	.2263	.3672	-.3774	-.3190	
	-.170									.1868	.2438	.2887	-.0206	-.2938	
	-.149										.1599	.2598	.0689	.1085	
	-.107										.0312	.0807	-.2476	-.8063	-.6420
	-.085										-.0310	-.0043	-.2936	-.8046	-.6925
	-.064										-.0869	-.1098	-.3502	-.6827	-.7113
	-.043		-.0075	.0006	-.3252	-.8385	-.5593	-.3493			-.1532	-.1932	-.3467	-.5740	-.7134
	-.021		.0377	.2225	-.0421	-1.0220	-.7617	-.4545			-.1869	-.2279	-.3052	-.5130	-.7364
	.000		-.0120	.0398	.0000	.0000	-.3181								

X/LB .8580

ORIGINAL PAGE IS OF POOR QUALITY



ARC11-716 IA14 01+T12+S12N23+AT11 ORB ATTACH PTS

(RB1134)

ALPHA( 2 ) = -4.030 BETA( 1 ) = -6.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6980

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 2 ) = -4.050 BETA( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.6870	.6950	.7020	.7100	.7180	.7260	.7330	.7400	.7480	.7560	.7640	.7720	.7800	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8430	.8500
------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.0221	.0419	.0793	.1879	.2398	.4974	.4783	-.2961	-.0318	-.2018	-.6021	-.6996	-.2831	-.4122	.6273	.1452	.3043	-.3258	-.3283	.1697	.2296	-.0370	-.2678	.1120	.2022	.0297	.0849	-.5777	.0182	.0374	-.2466	-.7263	-.5823	-.0214	.0124	-.2659	-.7084	-.6153	-.0845	-.0965	-.3015	-.6046	-.5936	-.1196	-.1652	-.2849	-.4963	-.5903	-.1423	-.1958	-.2273	-.4256	-.5912
------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	-------	-------	-------	--------	--------	-------	-------	--------	--------	-------	-------	-------	-------	--------	-------	-------	--------	--------	--------	--------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

X/LB .6900

Y/BW
-.107
-.085
-.064
-.043
-.021
.000



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 1D

(RB1134)

ARC11-716 IAL4 01+712+512825+AT11 ORB ATTACH PTS

ALPHA ( 2 ) = -4.050 BETA ( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7980	.7960	.6040	.6110	.6190	.6270	.6350	.6300
Y/BW															
	-.277								.0224	-.1995	-.2727	-.3097	-.3730	-.4245	
	-.256							.0995	-.0707	-.3366	-.3434	-.3572	-.4239	-.4239	
	-.234							.0337	-.1944	-.4961	-.4377	-.2602	-.3868	-.3868	
	-.213							.0295	.0054	.0054	.1334	-.3240	-.3447	-.3447	
	-.192								-.0003	.0174	.0854	-.1098	-.2573	-.2573	
	-.170								-.0003	.0021	.0810	-.0730	.0159	.0159	
	-.149														-.5508
	-.107									-.0271	.0206	-.2468	-.6251	-.5191	
	-.085									-.0608	-.0433	-.2818	-.6122	-.5248	
	-.064									-.0548	-.1211	-.3027	-.4946	-.4844	
	-.043									-.1294	-.1651	-.2746	-.4078	-.4605	
	-.021									-.1297	-.1732	-.2042	-.3312	-.4303	
	.000														
X/LB															
	.8380														

ALPHA ( 2 ) = -4.060 BETA ( 4 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.6040	.6110	.6190	.6270	.6350	.6300
Y/BW															
	-.277								.2789	-.0054	-.1968	-.2610	-.3701	-.5025	
	-.256							.2893	.2735	-.2688	-.2919	-.3446	-.5375	-.5375	
	-.234							.1244	.4318	-.4755	-.4962	-.1994	-.4715	-.4715	
	-.213								.3681	-.0275	.1452	-.4324	-.4126	-.4126	
	-.192								.0287	.0317	.0961	-.1133	-.4535	-.4535	
	-.170									.0017	.1096	-.1284	.0351	.0351	
	-.149														-.6238
	-.107									-.0955	-.0412	-.3335	-.7344	-.9611	
	-.085									-.1451	-.1345	-.3839	-.6583	-.5335	
	-.064									-.1884	-.2157	-.4137	-.5515	-.4751	
	-.043									-.2257	-.2507	-.3578	-.4392	-.4371	
	-.021									-.2254	-.2483	-.3031	-.4005	-.4557	
	.000														
X/LB															
	.8380														

ORIGIN OF POINTS  
OF POOR QUALITY

ARC11-716 IA14 01+712+512N23+AT11 ORB ATTACH PTS (RB1134)

ALPHA ( 2 ) = -4.060 BETA ( 4 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW  
-.107 -.4339  
-.085 -.4072  
-.064 -.4287  
-.043 -.4222  
-.021 -.4018  
.000 -.3956

ALPHA ( 2 ) = -4.060 BETA ( 5 ) = 8.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .9040 .8110 .8190 .8270 .8350 .8500  
Y/BW  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.054  
-.043  
-.021  
0.003  
-.0889  
-.0016  
.0000  
.0000  
-.0331  
-.1088  
.0151  
.1247  
.2263  
.0000  
.0000  
-.0331  
-.3845  
-.4310  
-.4310  
-.7113  
-.7215  
-.5289  
-.5262  
-.0331  
-.1679  
-.2205  
-.2680  
-.2812  
-.1151  
-.1582  
-.3192  
.2601  
-.0708  
-.0361  
-.0800  
-.1308  
-.1679  
.3261  
.2773  
.0846  
-.0229  
-.0800  
-.1151  
-.1995  
-.4079  
.2601  
.0623  
.0100  
.0273  
-.0769  
-.4310  
-.3461  
-.1968  
.0698  
.3612  
.4085  
.0000  
.0229  
.0800  
-.2025  
-.3569  
-.5238  
-.6002  
-.5311  
-.4350  
-.5347  
-.0425  
-.6533  
-.6533  
-.6116  
-.5357  
-.4692  
-.4746  
-.4593  
-.5593

X/LB .8580

Y/BW  
-.107 -.5876  
-.085 -.4881  
-.064 -.4707  
-.043 -.4773  
-.021 -.4821  
.000 -.5151



DATE 08 JAN 74

TABULATED PRESSURE DATA - IAL14 - VOL. 10

(RB1134)

ARC11-715 IAL14 D1+112+512N25+AT11 ORB ATTACH PTS

ALPHA( 3) = -.310 BETA( 1) = -8.030

SECTION( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0970	.0950	.1020	.1100	.1180	.1260	.1330	.7960	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	-.0059	.0000	.0000	.0000
-.3583	-.4993	-.5919	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156	-.8156
-.2860	-.2871	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030	-.3030
-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348	-.0348
.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635	.0635
-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356	-.3356
-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025	-.0025
.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632	.0632
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059	-.0059
.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580	.0580

ALPHA( 3) = -.320 BETA( 2) = -4.010

SECTION( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.107	-.085	-.064	-.043	-.021	.000	-.0059	.0000	.0000	-.0059	.0000	.0000	.0000	.0000	.0000	.0000	.0000
-.3285	-.4473	-.5720	-.6650	-.7206	-.7650	-.7960	-.8110	-.8190	-.8270	-.8350	-.8500	-.8500	-.8500	-.8500	-.8500	-.8500
-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557	-.2557
-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017	-.0017
.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543	.0543
-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298	-.2298
.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494	.0494
.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948	.0948
-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251	.0251
.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380	.6380

X/LB

(RB1134)

ARC11-716 IA14 01+71E+SIGNES+AT11 ORB ATTACH PTS

ALPHA( 3 ) = -.320 BETA( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BW

-.107	-.5313
-.088	-.4762
-.084	-.5033
-.043	-.5269
-.021	-.5384
.000	-.5644

ALPHA( 3 ) = -.320 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.277	-.2305	-.2695	-.3402	-.3983
-.256	-.2889	-.2916	-.3301	-.4093
-.234	-.4512	-.3810	-.2431	-.3733
-.213	.2881			
-.192	.0202	.1424	-.3113	-.3319
-.170	.0371	.0913	-.1016	-.2492
-.149	.0261	.0904	-.0847	.0309
-.107				-.5292
-.085	-.0081	.0238	-.2377	-.6036
-.064	-.0430	-.0393	-.2693	-.4809
-.043	-.0749	-.1099	-.2773	-.4683
-.021	-.1101	-.1448	-.2464	-.4241
.000	-.1014	-.1629	-.1881	-.3143
				-.4160

X/LB .8560

Y/BW

-.107	-.4337
-.088	-.3832
-.084	-.3874
-.043	-.3832
-.021	-.3847
.000	-.3748



ARC11-716 IAI4 DU-TI2+S1285\*AT11 ORB ATTACH PTS (R81134)

ALPHA ( 3 ) = -.320 BETA ( 4 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0935	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277										.0302	-.1550	-.2224	-.3507	-.4685	
-.256									.3064	.3066	-.2186	-.2442	-.3520	-.5311	
-.234								.2201	.3040	.4391	-.4182	-.4564	-.2015	-.4894	
-.213									.1397	.0000	.3816	.1441	-.4133	-.3992	
-.192										.0521	.0037	.0512	.0948	-.4521	
-.149											.0279	.1217	-.0226	.0432	
-.107															-.6129
-.085											-.0657	-.0245	-.3163	-.7444	-.5830
-.064											-.1135	-.1137	-.3764	-.8706	-.5431
-.043											-.1639	-.2016	-.4171	-.8420	-.4776
-.021											-.2030	-.2461	-.3615	-.7398	-.4447
.000											-.2030	-.2591	-.3039	-.7050	-.4608

X/LB .8580

Y/BW

-.107	-.4685
-.085	-.4038
-.064	-.4363
-.043	-.4175
-.021	-.4043
.000	-.3849

ALPHA ( 3 ) = -.320 BETA ( 5 ) = 6.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0935	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277										.1025	-.0789	-.1612	-.3364	-.5016	
-.256									.3493	.3839	-.1114	-.1597	-.3341	-.5852	
-.234								.2117	.2889	.4144	-.2670	-.3383	-.1984	-.5592	
-.213									.0951	.0000	-.0589	.0818	-.4992	-.4351	
-.192										-.0884	-.0187	.0126	-.2354	-.5430	
-.170											-.0613	.0364	-.1393	-.0260	
-.149															-.6484
-.107											-.1149	-.0653	-.3715	-.6344	-.6445
-.085											-.1497	-.1575	-.4191	-.7313	-.5874
-.064											-.2004	-.2496	-.4812	-.5863	-.5201
-.043											-.2428	-.2917	-.4907	-.6702	-.4582
-.021											-.2561	-.3006	-.3464	-.4473	-.5344
.000															-.5344

X/LB .9580

(RB1134)

ARC11-716 IA14 OI+T12+312N25+AT11 ORB ATTACH PTS

ALPHA ( 3 ) = -.320 BETA ( 5 ) = 8.110

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BW

- .107 -.5649
- .085 -.4671
- .064 -.4522
- .043 -.4647
- .021 -.4606
- .000 -.5172

ALPHA ( 4 ) = 4.000 BETA ( 1 ) = -6.030

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW

- .277
- .256
- .234
- .213
- .192
- .170
- .149
- .107
- .085
- .064
- .043
- .021
- .000
- .003
- .005
- .007
- .009
- .011
- .013
- .015
- .017
- .019
- .021
- .023
- .025
- .027
- .029
- .031
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- .065
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- .071
- .073
- .075
- .077
- .079
- .081
- .083
- .085
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- .973
- .975
- .977
- .979
- .981
- .983
- .985
- .987
- .989
- .991
- .993
- .995
- .997
- .999

X/LB .8560

Y/BW

- .107 -.5549
- .085 -.4755
- .064 -.5297
- .043 -.5915
- .021 -.6566
- .000 -.6867





ARC11-716 IA14 01+T18+SIGNES+AT11 ORB ATTACH PTS (RB1134)

ALPHA( 4 ) = 4.000 BETA( 3 ) = .030

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/LB  
-.107 -.4237  
-.085 -.4159  
-.064 -.4070  
-.043 -.4019  
-.021 -.4702  
.033 -.4174

ALPHA( 4 ) = 3.990 BETA( 4 ) = 4.080

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8041 .8110 .8190 .8270 .8350 .8500

Y/LB  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.137  
-.064  
-.043  
-.021  
-.030  
-.0063  
-.0000  
-.6580  
-.107 -.4792  
-.085 -.4166  
-.064 -.4439  
-.043 -.4454  
-.021 -.4298  
.030 -.4133  
-.0369 -.2858 -.3834 -.3421  
.0719 .1751 .0686 -.4452 -.5324 -.4241  
.0785 .2883 .6336 -.6357 -.6590 -.5471  
.755 .0000 .0000 .0000 .0000  
-.1330 -.2031 -.3479 -.4839  
-.1983 -.2350 -.3556 -.5532  
-.3927 -.4456 -.2143 -.5174  
.3225 .3225 .4339 .3616  
.0441 .3172 .3053 .2206  
.0000 .1383 .0512  
-.0524 -.0171 -.3075 -.7902 -.6000  
-.1012 -.0951 -.3678 -.7128 -.5727  
-.1521 -.2044 -.4236 -.5634 -.5149  
-.1879 -.2352 -.3699 -.4305 -.4690  
-.2084 -.2394 -.2934 -.4242 -.4699  
.0441 .3172 .3053 .2206  
.0000 .1383 .0512  
-.0524 -.0171 -.3075 -.7902 -.6000  
-.1012 -.0951 -.3678 -.7128 -.5727  
-.1521 -.2044 -.4236 -.5634 -.5149  
-.1879 -.2352 -.3699 -.4305 -.4690  
-.2084 -.2394 -.2934 -.4242 -.4699

X/LB .6580

Y/LB  
-.107 -.4792  
-.085 -.4166  
-.064 -.4439  
-.043 -.4454  
-.021 -.4298  
.030 -.4133



DATE OF RUN 73 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC11-715 1A14 DI+112+512M25+AT11 ORB ATTACH PTS (RB1134)

ALPHA ( 5 ) = 3.983 BETA ( 5 ) = 6.142

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/DB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.0584	-.1499	-.3267	-.5070												
-.296	-.0049	-.1428	-.3462	-.8151												
-.234	.3630	.3992	.2366	-.3031	-.2003	-.5985										
-.213	.2964	.4114	.2332													
-.182	.0974	.0000	-.0533	.0628	-.4627	-.4321										
-.170	-.0137	-.0152	.0037	-.2654	-.5367											
-.149	-.0550	.0412	-.1255	-.0350												
-.107																
-.085																
-.064																
-.043	.0181	.1233	-.4297	-.5159	-.3696											
-.021	-.0048	.2102	.7185	-.6844	-.4652											
.000	-.0920	-.0066	.0000	.0000	-.4739											
.010																

X/LB .8580

Y/DB	-.9710	-.4847	-.4621	-.4443	-.4630	-.4957
-.109	-.9710					
-.085	-.4847					
-.064	-.4621					
-.043	-.4443					
-.021	-.4630					
.000	-.4957					

ALPHA ( 5 ) = 7.880 BETA ( 1 ) = -0.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/DB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.3106	-.4030	-.3980	-.3690												
-.296	-.4429	-.5857	-.3143	-.2916												
-.234	-.0025	-.2328	-.5605	-.6133	-.2583	-.3979										
-.213	.2448	.4095	.8007													
-.182	.2226	.0000	.2729	.4261	-.3006	-.2684										
-.170	.1010	.2315	.2365	.5273	.0236	-.2313										
-.149			.2371	.2932	.1124	.1579										
-.107																
-.085																
-.064																
-.043	.0097	.0230	-.5143	-.5279	-.4568	-.2316										
-.021	.0791	.2424	-.0440	-.9398	-.7842	-.4062										
.000	.0187	.0771	.0900	.0900	.1000	-.4600										

X/LB .8580







(801134)

ARC11-716 IAI4 DI+T12+SIEN2+AT11 OR6 ATTACH PTS

ALPHA ( 5 ) = 7.900 BETA ( 4 ) = 4.100

SECTION ( 1 ) OR6 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/LB  
-1.101  
-1.088  
-1.064  
-1.043  
-1.021  
-1.000

ALPHA ( 5 ) = 7.800 BETA ( 5 ) = 6.170

SECTION ( 1 ) OR6 ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0675 .0950 .1020 .1100 .1160 .1260 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
Y/LB  
-1.277  
-1.256  
-1.235  
-1.215  
-1.192  
-1.170  
-1.149  
-1.127  
-1.095  
-1.064  
-1.033  
-1.002  
-0.971  
-0.940  
-0.909

X/LB .0500

Y/LB  
-1.277  
-1.256  
-1.235  
-1.215  
-1.192  
-1.170  
-1.149  
-1.127  
-1.095  
-1.064  
-1.033  
-1.002  
-0.971  
-0.940  
-0.909



A1C11-715 IA14 01+T12+312R25+T11 OR8 ATTACH PTS

REFERENCE DATA

3REF = 2.4210 SQ.FT. XMRP = 29.5800 INCHES MACH = .750 ELEVON = .000  
 LR F = 36.7090 INCHES YMRP = .0000 INCHES RUDDER = .000 SPOBRK = .000  
 BR F = 36.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHA( 1 ) = -8.050 BETA( 1 ) = -8.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/24	CP	X/LB	Y/24	CP	X/LB	Y/24	CP
.0870	.0995	.1020	.1100	.1180	.1260	.1330	.7880	.7960
.0840	.8110	.8190	.8270	.8350	.8430	.8510	.8590	.8670
.0881	.4896	-.4727	-.3746	-.3526	-.4881	-.5833	-.2530	-.3476
.5418	-.4210	-.3306	-.4731	-.0517	-.3419	-.5418	.0819	.2343
.8676	.2893	.4074	-.2673	.2280	.0000	.2893	.2893	.2610
.3077	.3395	.1025	-.2676	.2564	.2564	.3208	.1699	.1200
.1235	.1922	-.0773	-.8832	.0699	.1235	-.1211	-.8312	-.7648
.0186	.0244	-.1830	-.6368	-.0795	.1160	-.9097	-.9317	-.5948
-.0405	-.0624	-.1973	-.4903	.1385	.3336	.1569	-.9618	-.6991
-.0707	-.1144	-.1613	-.3965	.0422	.1337	.0000	.0000	-.6285

ALPHA( 2 ) = -2.040 BETA( 2 ) = -3.990

SECTION ( 2 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/24	CP	X/LB	Y/24	CP	X/LB	Y/24	CP
.0870	.0995	.1020	.1100	.1180	.1260	.1330	.7880	.7960
.0840	.8110	.8190	.8270	.8350	.8430	.8510	.8590	.8670
.0881	.4896	-.4727	-.3746	-.3526	-.4881	-.5833	-.2530	-.3476
.5418	-.4210	-.3306	-.4731	-.0517	-.3419	-.5418	.0819	.2343
.8676	.2893	.4074	-.2673	.2280	.0000	.2893	.2893	.2610
.3077	.3395	.1025	-.2676	.2564	.2564	.3208	.1699	.1200
.1235	.1922	-.0773	-.8832	.0699	.1235	-.1211	-.8312	-.7648
.0186	.0244	-.1830	-.6368	-.0795	.1160	-.9097	-.9317	-.5948
-.0405	-.0624	-.1973	-.4903	.1385	.3336	.1569	-.9618	-.6991
-.0707	-.1144	-.1613	-.3965	.0422	.1337	.0000	.0000	-.6285

ALPHA( 3 ) = -2.040 BETA( 3 ) = -3.990

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/24	CP	X/LB	Y/24	CP	X/LB	Y/24	CP
.0870	.0995	.1020	.1100	.1180	.1260	.1330	.7880	.7960
.0840	.8110	.8190	.8270	.8350	.8430	.8510	.8590	.8670
.0881	.4896	-.4727	-.3746	-.3526	-.4881	-.5833	-.2530	-.3476
.5418	-.4210	-.3306	-.4731	-.0517	-.3419	-.5418	.0819	.2343
.8676	.2893	.4074	-.2673	.2280	.0000	.2893	.2893	.2610
.3077	.3395	.1025	-.2676	.2564	.2564	.3208	.1699	.1200
.1235	.1922	-.0773	-.8832	.0699	.1235	-.1211	-.8312	-.7648
.0186	.0244	-.1830	-.6368	-.0795	.1160	-.9097	-.9317	-.5948
-.0405	-.0624	-.1973	-.4903	.1385	.3336	.1569	-.9618	-.6991
-.0707	-.1144	-.1613	-.3965	.0422	.1337	.0000	.0000	-.6285

ARC11-716 IA14 OI\*TI2\*SI2NE5\*AT11 ORB ATTACH PTS (RB1135)

ALPHA( 1 ) = -.8,040 BETA( 2 ) = -3,990

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.107											.0810	.1408	-.1385	-.3667	-.6585
-.085											.0304	.0749	-.1857	-.8826	-.7296
-.064											-.0167	-.0204	-.2477	-.6594	-.7722
-.043											-.0722	-.1010	-.2370	-.5342	-.871
-.021											-.0987	-.1498	-.2091	-.4362	-.7541
.000															

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 1 ) = -.8,040 BETA( 3 ) = .040

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7950	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277											-.2656	-.2976	-.3631	-.4265	
-.256											-.3275	-.3270	-.3449	-.4003	
-.234											-.4599	-.4214	-.2521	-.3871	
-.213											.2821				
-.192											.0037	.1330	-.2833	-.3240	
-.170											.0321	.1099	-.0399	-.2829	
-.149											.0204	.1037	-.0012	-.0339	
-.127															
-.085											.0225	.0491	-.1593	-.8210	-.6309
-.064											-.0144	-.0268	-.2806	-.7753	-.6371
-.043											-.0458	-.1252	-.3542	-.6575	-.4986
-.021											-.1415	-.1910	-.3452	-.5584	-.4697
.000											-.1632	-.2177	-.2965	-.4983	-.4490

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R01133)

ARC11-716 IA14 01+T112+S12N25+AT11 ORB ATTACH PTS

ALPHA ( 1 ) = -0.040 BETA ( 3 ) = .070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0380

Y/BW  
-.021 -.4029  
.000 -.5740

ALPHA ( 1 ) = -0.050 BETA ( 4 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7950 .8740 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.256  
-.224  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.1382  
-.2183  
-.4578  
.4971  
.0547  
.0917  
.0636  
-.0437  
-.0979  
-.1560  
-.2032  
-.2179  
-.2001  
-.2356  
-.4197  
.4971  
.0547  
.1319  
.1619  
.0048  
-.0993  
-.1267  
-.2520  
-.2735  
-.3566  
-.3254  
-.1943  
-.3328  
-.0038  
-.0339  
-.2968  
-.3586  
-.4224  
-.5901  
-.3380  
-.5550  
-.5611  
-.4821  
-.3717  
-.4514  
-.0718  
-.8604  
-.5744  
-.5428  
-.5359  
-.5646

X/LB .0580

Y/BW  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.4184  
-.6470  
-.9058  
.0000  
-.7439  
-.6926  
-.8618  
-.6231  
-.4740  
-.5333  
-.6809  
-.6231

(RB1135)

ARC11-716 IA14 OI+712+S1E23+AT11 ORB ATTACH PTS

ALPHAO( 1 ) = -0.060    BETAO( 5 ) = 8.150

SECTION ( 1 ) ORB, ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277															
-0.256															
-0.234															
-0.213															
-0.192															
-0.170															
-0.149															
-0.107															
-0.085															
-0.064															
-0.043															
-0.021															
.000															

X/LB    .8580

Y/BW	-0.107	-0.292	-0.085	-0.5625	-0.064	-0.4810	-0.043	-0.4810	-0.021	-0.5058	.000	-0.5818
------	--------	--------	--------	---------	--------	---------	--------	---------	--------	---------	------	---------

ALPHAO( 2 ) = -4.070    BETAO( 1 ) = -8.040

SECTION ( 1 ) ORB, ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277															
-0.256															
-0.234															
-0.213															
-0.192															
-0.170															
-0.149															
-0.107															
-0.085															
-0.064															
-0.043															
-0.021															
.000															

X/LB    .8580



DATE JB JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10 (R01135)

ARC11-716 1A14 01+T12+S12N25+AT11 ORB ATTACH PTS

ALPHA ( 2 ) = -4.070 BETA ( 1 ) = -8.040  
 SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8587

Y/BW	.8587	.7960	.6740	.6130	.5190	.4056	.3442	.2623	.2088	.1640	.1109	.0838	.6134
-1.107	-1.5618												
-1.085	-1.5069												
-1.064	-1.5837												
-1.043	-1.6438												
-1.021	-1.7135												
-1.000	-1.7705												

ALPHA ( 2 ) = -4.068 BETA ( 2 ) = -4.000  
 SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1130 .1260 .1330 .1260 .1330 .1080 .0808

Y/BW	.0870	.0930	.1020	.1100	.1130	.1260	.1330	.1260	.1330	.1080	.0808	.1839	.2593	.1109	.0838	.6134
-1.277																
-1.255																
-1.234																
-1.213																
-1.192																
-1.170																
-1.149																
-1.127																
-1.085																
-1.064																
-1.043	.1290	.1891	-.0854	-.8038	-.9069	-.5905										
-1.021	.1723	.3717	.3437	-.9297	-.8823	-.6725										
-1.000	.1759	.0900	.0000	.0000	.0000	-.5626										

X/LB .0380

Y/BW	.0380	.4971	.4691	.5582	.8025	.6579	.7142
-1.107							
-1.085							
-1.064							
-1.043							
-1.021							
-1.000							

ARC11-716 1A14 01+71B+912N25+AT11 ORB ATTACH PTS (RB1135)

ALPHA( 2 ) = -4.080 BETA( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	Y/BW															
	-.277															
	-.256															
	-.234															
	-.213															
	-.192															
	-.170															
	-.149															
	-.107															
	-.085															
	-.064															
	-.043															
	-.021															
	.000															

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 2 ) = -4.080 BETA( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	Y/BW															
	-.277															
	-.256															
	-.234															
	-.213															
	-.192															
	-.170															
	-.149															
	-.107															
	-.085															
	-.064															
	-.043															
	-.021															
	.000															

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000



ARC11-716 IAJA Q1\*11 512N5\*AT11 088 ATTACH PTS

(R81135)

ALPHA (2) = -4.000 BETA (4) = 4.590

SECTION (1) 088. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0500

T/84  
-.107 -1.5104  
-.085 -1.4477  
-.064 -1.4344  
-.043 -1.4631  
-.021 -1.4942  
.000 -1.5265

ALPHA (2) = -4.000 BETA (2) = 8.190

SECTION (1) 088. ATTACH POINTS DEPENDENT VARIABLE CP

T/8 .0500 .0500 .0500 .0500 .1100 .1200 .1300 .1400 .1500 .1600 .1700 .1800 .1900 .2000 .2100 .2200 .2300 .2400 .2500 .2600 .2700 .2800 .2900 .3000 .3100 .3200 .3300 .3400 .3500 .3600 .3700 .3800 .3900 .4000 .4100 .4200 .4300 .4400 .4500 .4600 .4700 .4800 .4900 .5000 .5100 .5200 .5300 .5400 .5500 .5600 .5700 .5800 .5900 .6000 .6100 .6200 .6300 .6400 .6500 .6600 .6700 .6800 .6900 .7000 .7100 .7200 .7300 .7400 .7500 .7600 .7700 .7800 .7900 .8000 .8100 .8200 .8300 .8400 .8500 .8600 .8700 .8800 .8900 .9000 .9100 .9200 .9300 .9400 .9500 .9600 .9700 .9800 .9900 .0000

T/84  
-.877  
-.856  
-.834  
-.813  
-.792  
-.770  
-.749  
-.727  
-.705  
-.684  
-.662  
-.641  
-.621  
-.600  
-.579  
-.558  
-.537  
-.516  
-.495  
-.474  
-.453  
-.432  
-.411  
-.390  
-.369  
-.348  
-.327  
-.306  
-.285  
-.264  
-.243  
-.222  
-.201  
-.180  
-.159  
-.138  
-.117  
-.096  
-.075  
-.054  
-.033  
-.012  
.009  
.028  
.047  
.066  
.085  
.104  
.123  
.142  
.161  
.180  
.199  
.218  
.237  
.256  
.275  
.294  
.313  
.332  
.351  
.370  
.389  
.408  
.427  
.446  
.465  
.484  
.503  
.522  
.541  
.560  
.579  
.598  
.617  
.636  
.655  
.674  
.693  
.712  
.731  
.750  
.769  
.788  
.807  
.826  
.845  
.864  
.883  
.902  
.921  
.940  
.959  
.978  
.997  
.016  
.035  
.054  
.073  
.092  
.111  
.130  
.149  
.168  
.187  
.206  
.225  
.244  
.263  
.282  
.301  
.320  
.339  
.358  
.377  
.396  
.415  
.434  
.453  
.472  
.491  
.510  
.529  
.548  
.567  
.586  
.605  
.624  
.643  
.662  
.681  
.700  
.719  
.738  
.757  
.776  
.795  
.814  
.833  
.852  
.871  
.890  
.909  
.928  
.947  
.966  
.985  
.004  
.023  
.042  
.061  
.080  
.099  
.118  
.137  
.156  
.175  
.194  
.213  
.232  
.251  
.270  
.289  
.308  
.327  
.346  
.365  
.384  
.403  
.422  
.441  
.460  
.479  
.498  
.517  
.536  
.555  
.574  
.593  
.612  
.631  
.650  
.669  
.688  
.707  
.726  
.745  
.764  
.783  
.802  
.821  
.840  
.859  
.878  
.897  
.916  
.935  
.954  
.973  
.992  
.011  
.030  
.049  
.068  
.087  
.106  
.125  
.144  
.163  
.182  
.201  
.220  
.239  
.258  
.277  
.296  
.315  
.334  
.353  
.372  
.391  
.410  
.429  
.448  
.467  
.486  
.505  
.524  
.543  
.562  
.581  
.600  
.619  
.638  
.657  
.676  
.695  
.714  
.733  
.752  
.771  
.790  
.809  
.828  
.847  
.866  
.885  
.904  
.923  
.942  
.961  
.980  
.999  
.018  
.037  
.056  
.075  
.094  
.113  
.132  
.151  
.170  
.189  
.208  
.227  
.246  
.265  
.284  
.303  
.322  
.341  
.360  
.379  
.398  
.417  
.436  
.455  
.474  
.493  
.512  
.531  
.550  
.569  
.588  
.607  
.626  
.645  
.664  
.683  
.702  
.721  
.740  
.759  
.778  
.797  
.816  
.835  
.854  
.873  
.892  
.911  
.930  
.949  
.968  
.987  
.006

K/LB .0500

T/84  
-.107 -1.5656  
-.085 -1.5247  
-.064 -1.4484  
-.043 -1.4337  
-.021 -1.5089  
.000 -1.6428





TABLETED PRESSURE DATA - IAHM - VOL. 10

(RB:135)

ARC: 716 IAHM DIRTEN+SIENS+ATI1 CRB ATTACH PTS

ALPHA (3) = -.350 BETA (3) = .050

SECTION (1) CRB ATTACH POINTS DEPENDENT VARIABLE CR

X/LB .0500

Y/0-
-.107
-.085
-.064
-.043
-.021
.000

ALPHA (3) = -.350 BETA (3) = .050

SECTION (1) CRB ATTACH POINTS DEPENDENT VARIABLE CR

X/LB .0877

Y/0-
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.127
-.105
-.084
-.063
-.042
.000

X/LB .1020 .1100 .1180 .1260 .1350 .1450 .1550 .1650 .1750 .1850 .1950 .2050 .2150 .2242 .2332 .2424 .2516 .2608 .2700 .2791 .2883 .2975 .3067 .3159 .3251 .3343 .3435 .3527 .3619 .3711 .3803 .3895 .3987 .4079 .4171 .4263 .4355 .4447 .4539 .4631 .4723 .4815 .4907 .5000

Y/0-
-.1870
-.2449
-.3088
-.3727
-.4366
-.5005
-.5644
-.6283
-.6922
-.7561
-.8200
-.8839
-.9478
-1.0117
-1.0756
-1.1395
-1.2034
-1.2673
-1.3312
-1.3951
-1.4590
-1.5229
-1.5868
-1.6507
-1.7146
-1.7785
-1.8424
-1.9063
-1.9702
-2.0341
-2.0980
-2.1619
-2.2258
-2.2897
-2.3536
-2.4175
-2.4814
-2.5453
-2.6092
-2.6731
-2.7370
-2.8009
-2.8648
-2.9287
-2.9926
-3.0565
-3.1204
-3.1843
-3.2482
-3.3121
-3.3760
-3.4399
-3.5038
-3.5677
-3.6316
-3.6955
-3.7594
-3.8233
-3.8872
-3.9511
-4.0150
-4.0789
-4.1428
-4.2067
-4.2706
-4.3345
-4.3984
-4.4623
-4.5262
-4.5901
-4.6540
-4.7179
-4.7818
-4.8457
-4.9096
-4.9735
-5.0374
-5.1013
-5.1652
-5.2291
-5.2930
-5.3569
-5.4208
-5.4847
-5.5486
-5.6125
-5.6764
-5.7403
-5.8042
-5.8681
-5.9320
-5.9959
-6.0598
-6.1237
-6.1876
-6.2515
-6.3154
-6.3793
-6.4432
-6.5071
-6.5710
-6.6349
-6.6988
-6.7627
-6.8266
-6.8905
-6.9544
-7.0183
-7.0822
-7.1461
-7.2100
-7.2739
-7.3378
-7.4017
-7.4656
-7.5295
-7.5934
-7.6573
-7.7212
-7.7851
-7.8490
-7.9129
-7.9768
-8.0407
-8.1046
-8.1685
-8.2324
-8.2963
-8.3602
-8.4241
-8.4880
-8.5519
-8.6158
-8.6797
-8.7436
-8.8075
-8.8714
-8.9353
-8.9992
-9.0631
-9.1270
-9.1909
-9.2548
-9.3187
-9.3826
-9.4465
-9.5104
-9.5743
-9.6382
-9.7021
-9.7660
-9.8299
-9.8938
-9.9577
-10.0216
-10.0855
-10.1494
-10.2133
-10.2772
-10.3411
-10.4050
-10.4689
-10.5328
-10.5967
-10.6606
-10.7245
-10.7884
-10.8523
-10.9162
-10.9801
-11.0440
-11.1079
-11.1718
-11.2357
-11.2996
-11.3635
-11.4274
-11.4913
-11.5552
-11.6191
-11.6830
-11.7469
-11.8108
-11.8747
-11.9386
-12.0025
-12.0664
-12.1303
-12.1942
-12.2581
-12.3220
-12.3859
-12.4498
-12.5137
-12.5776
-12.6415
-12.7054
-12.7693
-12.8332
-12.8971
-12.9610
-13.0249
-13.0888
-13.1527
-13.2166
-13.2805
-13.3444
-13.4083
-13.4722
-13.5361
-13.6000
-13.6639
-13.7278
-13.7917
-13.8556
-13.9195
-13.9834
-14.0473
-14.1112
-14.1751
-14.2390
-14.3029
-14.3668
-14.4307
-14.4946
-14.5585
-14.6224
-14.6863
-14.7502
-14.8141
-14.8780
-14.9419
-15.0058
-15.0697
-15.1336
-15.1975
-15.2614
-15.3253
-15.3892
-15.4531
-15.5170
-15.5809
-15.6448
-15.7087
-15.7726
-15.8365
-15.9004
-15.9643
-16.0282
-16.0921
-16.1560
-16.2199
-16.2838
-16.3477
-16.4116
-16.4755
-16.5394
-16.6033
-16.6672
-16.7311
-16.7950
-16.8589
-16.9228
-16.9867
-17.0506
-17.1145
-17.1784
-17.2423
-17.3062
-17.3701
-17.4340
-17.4979
-17.5618
-17.6257
-17.6896
-17.7535
-17.8174
-17.8813
-17.9452
-18.0091
-18.0730
-18.1369
-18.2008
-18.2647
-18.3286
-18.3925
-18.4564
-18.5203
-18.5842
-18.6481
-18.7120
-18.7759
-18.8398
-18.9037
-18.9676
-19.0315
-19.0954
-19.1593
-19.2232
-19.2871
-19.3510
-19.4149
-19.4788
-19.5427
-19.6066
-19.6705
-19.7344
-19.7983
-19.8622
-19.9261
-19.9900
-20.0539
-20.1178
-20.1817
-20.2456
-20.3095
-20.3734
-20.4373
-20.5012
-20.5651
-20.6290
-20.6929
-20.7568
-20.8207
-20.8846
-20.9485
-21.0124
-21.0763
-21.1402
-21.2041
-21.2680
-21.3319
-21.3958
-21.4597
-21.5236
-21.5875
-21.6514
-21.7153
-21.7792
-21.8431
-21.9070
-21.9709
-22.0348
-22.0987
-22.1626
-22.2265
-22.2904
-22.3543
-22.4182
-22.4821
-22.5460
-22.6099
-22.6738
-22.7377
-22.8016
-22.8655
-22.9294
-22.9933
-23.0572
-23.1211
-23.1850
-23.2489
-23.3128
-23.3767
-23.4406
-23.5045
-23.5684
-23.6323
-23.6962
-23.7601
-23.8240
-23.8879
-23.9518
-24.0157
-24.0796
-24.1435
-24.2074
-24.2713
-24.3352
-24.3991
-24.4630
-24.5269
-24.5908
-24.6547
-24.7186
-24.7825
-24.8464
-24.9103
-24.9742
-25.0381
-25.1020
-25.1659
-25.2298
-25.2937
-25.3576
-25.4215
-25.4854
-25.5493
-25.6132
-25.6771
-25.7410
-25.8049
-25.8688
-25.9327
-25.9966
-26.0605
-26.1244
-26.1883
-26.2522
-26.3161
-26.3800
-26.4439
-26.5078
-26.5717
-26.6356
-26.6995
-26.7634
-26.8273
-26.8912
-26.9551
-27.0190
-27.0829
-27.1468
-27.2107
-27.2746
-27.3385
-27.4024
-27.4663
-27.5302
-27.5941
-27.6580
-27.7219
-27.7858
-27.8497
-27.9136
-27.9775
-28.0414
-28.1053
-28.1692
-28.2331
-28.2970
-28.3609
-28.4248
-28.4887
-28.5526
-28.6165
-28.6804
-28.7443
-28.8082
-28.8721
-28.9360
-29.0000

X/LB .0500

Y/0-
-.107
-.085
-.064
-.043
-.021
.000





DATE 11/12/78 11:12 AM 11:12 AM

UNADJUSTED PRESSURE DATA - CASE# - VOL 10 (RB1135)

SECTION 11.068 ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8560

Y/BW  
-.107 -.5631  
-.281 -.5087  
-.064 -.4363  
-.043 -.4365  
-.021 -.4913  
.000 -.6379

ALPHA 4) = 4.020 BETA2 (1) = -0.060

SECTION 11.068 ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0990 .1029 .1100 .1180 .1260 .1330 .7811 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
-.277  
-.656  
-.234  
-.213  
-.182  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000 .0476 .0000 .0000 .0000 .0000  
.033 .1182 .3391 .1447 -.9314 -.8838 -.6073  
-.3106 -.7100 -.7618 -.4231  
-.2330 -.8884 -.8716 -.3108  
-.1421 .3391 .1447 -.9314 -.8838 -.6073  
-.003 .0476 .0000 .0000 .0000 .0000  
-.3083 -.4021 -.4000 -.3442  
-.4364 -.5558 -.2432 -.2859  
-.9264 -.4608 -.2686 -.4197  
.8837  
.3574 .4825 -.2284 -.2203  
.3653 .3959 .1453 -.2379  
.3045 .3746 .2032 .1638  
-.5610  
.1730 .2294 -.0535 -.8043  
.1178 .1615 -.0929 -.7333  
.0652 .0651 -.1433 -.5783  
.0100 -.0213 -.1550 -.4344  
-.0181 -.0726 -.1359 -.3669  
-.5648

K/LB .8560

Y/BW  
-.107 -.5631  
-.281 -.5087  
-.064 -.4363  
-.043 -.4365  
-.021 -.4913  
.000 -.6379



ARC11-716 IA14 OI+TIE+SIZES+AT11 ORB ATTACH PTS

(RB1135)

ALPHA( 4 ) = 4.020 BETA( 2 ) = -4.030

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/L	.0070	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7950	.8040	.8110	.8190	.8270	.8350	.8500
Y/B															
277															
256															
234															
213															
192															
170															
149															
127															
105															
84															
63															
42															
21															
0															

K/L

Y/B

277	-4.8937
256	-4.4508
234	-3.9286
213	-3.3266
192	-2.6720
170	-2.0330
149	-1.3534

ALPHA( 4 ) = 4.020 BETA( 2 ) = -4.030

SECTION ( 2 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/L	.0070	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/B															
277															
256															
234															
213															
192															
170															
149															
127															
105															
84															
63															
42															
21															
0															

K/L

Y/B

277	-4.8937
256	-4.4508
234	-3.9286
213	-3.3266
192	-2.6720
170	-2.0330
149	-1.3534



APERTURE 1A14 DIAMETER 5.711 ORB ATTACH PTS (RB1133)

ALPHA (4) = 4.021 BETA (4) = 5.100

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB
.000	-.5169
.000	-.4956
.003	-.4684
.004	-.4554
.005	-.4122
.007	-.4164

ALPHA (4) = 4.010 BETA (4) = 5.100

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	SECTION (1) ORB ATTACH POINTS	DEPENDENT VARIABLE CP										
.000	.0870	.1020	.1120	.1260	.1330	.7600	.7930	.8040	.8110	.8190	.8270	.8350	.8500
.000	-.149												
.007	-.107												
.008	-.085												
.004	-.043	.1100	.2552	-.3163	-.3059	-.4021							
.021	-.021	.1152	.3661	.7578	-.7339	-.7466	-.6139						
.000	.010	.1221	.0000	.0000	.0000	-.5879							
.000	.0900												
.000	-.107												
.000	-.1766												
.000	-.4547												
.000	.4200												
.000	.4001												
.000	.5294												
.000	.5294												
.000	.0856												
.000	.1310												
.000	.1077												
.000	.0334												
.000	-.0060												
.000	-.0600												
.000	-.1177												
.000	-.1443												
.000	-.2110												
.000	-.2690												
.000	-.4181												
.000	-.5472												
.000	-.8243												
.000	-.8027												
.000	-.9376												
.000	-.9837												
.000	-.9289												
.000	-.6131												
.000	-.4777												
.000	-.4800												
.000	-.3491												
.000	-.2690												
.000	-.4181												
.000	-.5472												

X/LB .0900

Y/LB
-.107
-.085
-.064
-.043
-.021
.000
.010
.0900

ORIGINAL PAGE IS OF POOR QUALITY

ALPHA( 4 ) = 4.000 BETA( 5 ) = 6.180  
ARC11-716 IAL14 OI-TIE-SIGNS+AT11 ORB ATTACH PTS (RB1133)

SECTION 1 (11) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L	.0870	.0890	.1020	.1100	.1100	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/B															
- .277											.0424	-.0468	-.8389	-.4823	
- .296							.2399				.0029	-.0442	-.2347	-.5786	
- .234							.4543				-.1347	-.2298	-.0945	-.5342	
- .215							.4032				.3736				
- .182							.2152				.0738	.1894	-.3172	-.3244	
- .170							.1115				.1047	.0990	-.1035	-.4485	
- .149											.0546	.1419	.0555	.0457	
- .109															
- .064											-.0112	.0430	-.2580	-.8120	-.5308
- .043			.0728	.2136	.2327	-.4648	-.6042	-.4375			-.0434	-.0369	-.3254	-.7198	-.5590
- .021			.0546	.3105	.0176	-.7521	-.7335	-.5476			-.0959	-.1143	-.4298	-.5846	-.4923
- .000			-.0482	.0670	.0000	.0000	.0000	-.5621			-.1446	-.1196	-.3770	-.4342	-.4152
X/L											-.1681	-.2281	-.2753	-.3874	-.5005
Y/B															
- .107															
- .065															
- .064															
- .045															
- .021															
- .000															

ALPHA( 5 ) = 7.930 BETA( 1 ) = -6.040

SECTION 2 (11) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/L	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/B														
- .277														
- .296														
- .234														
- .215														
- .182														
- .170														
- .149														
- .109														
- .064														
- .043														
- .021														
- .000														



ARC11-716 7.930 BETAO ( 2 ) = -4.000  
ALPHA ( 3 ) = 7.940 BETAO ( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP  
X/LR .0580

Y/BW	X/LB	ORB. ATTACH POINTS	DEPENDENT VARIABLE CP
-.107	-.5215		
-.085	-.4537		
-.064	-.3294		
-.043	-.5891		
-.021	-.6569		
.000	-.6817		

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW	X/LB	ORB. ATTACH POINTS	DEPENDENT VARIABLE CP												
-.277	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7890	.7960	.8040	.8110	.8190	.8270	.8350	.8430
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW	X/LB	ORB. ATTACH POINTS	DEPENDENT VARIABLE CP
-.107	-.4777		
-.085	-.4437		
-.064	-.5102		
-.043	-.5357		
-.021	-.8192		
.000	-.6612		

ARC11-716 IA14 01-118+512N5+AT11 ORB ATTACH PTS (R81135)

ALPHA( 5) = 7.940 BETA( 3) = .030

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0930	.1020	.1100	.1190	.1260	.1330	.7060	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.256														
	-.234														
	-.213							.1357	.1865	.2658	.3027				
	-.192							.1164	.0300	.0646	.1660				
	-.170							.0853	.0908	.1250	.0411				
	-.149								.0761	.1258	-.0293				
	-.107														
	-.085														
	-.054														
	-.043	.1514	.2513	.0661	-.6410	-.7319	-.4648								
	-.021	.1856	.3979	.3817	-.6411	-.7731	-.6253								
	.000	.0947	.1512	.0000	.0000	-.0000	-.5863								
X/LB															

ALPHA( 5) = 7.930 BETA( 4) = 4.110

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0930	.1020	.1100	.1190	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.256														
	-.234														
	-.213							.3190	.4140	.4386	-.2737	-.3294	-.1434	-.4894	
	-.192							.2355	.0000	.0976	.1975	-.3134	-.3444		
	-.170								.1469	.1440	.1793	.0046	-.4193		
	-.149									.1346	.2138	.0093	-.0275		
	-.107														
	-.085														
	-.064														
	-.043	.1224	.2554	.1797	-.5271	-.6665	-.4342								
	-.021	.1367	.2775	.7306	-.7297	-.7350	-.6080								
	.000	.0381	.1471	.0000	.0000	-.0000	-.5740								
X/LB															

X/LB .8300



DATE 10 JAN 68 FABRICATED PRESSURE DATA - ISLAIA - VOL. 10

(RB1135)

ARCII-715 ISLA-31712-312823-ATI: ORB ATTACH PTS

ALPHA ( 5 ) = 7.853 BETA ( 4 ) = 4.117

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	Y/BW																		
.6500	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.6500	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.6500	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ALPHA ( 5 ) = 7.983 BETA ( 5 ) = 8.180

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	Y/BW																			
.0870	.0950	.1020	.1100	.1180	.1260	.1330	.1400	.1480	.1560	.1640	.1720	.1800	.1880	.1960	.2040	.2120	.2200	.2280	.2360	.2440
.0870	.0950	.1020	.1100	.1180	.1260	.1330	.1400	.1480	.1560	.1640	.1720	.1800	.1880	.1960	.2040	.2120	.2200	.2280	.2360	.2440
.0870	.0950	.1020	.1100	.1180	.1260	.1330	.1400	.1480	.1560	.1640	.1720	.1800	.1880	.1960	.2040	.2120	.2200	.2280	.2360	.2440
.0870	.0950	.1020	.1100	.1180	.1260	.1330	.1400	.1480	.1560	.1640	.1720	.1800	.1880	.1960	.2040	.2120	.2200	.2280	.2360	.2440

K/LB .6500

| Y/BW  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |
| .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 | .0000 |



ARC11-716 IA14 01+Y12+312N25+AT11 ORB ATTACH PTS (RB1136) ( 15 FEB 74 )

REFERENCE DATA

BREF = 2.4210 30 FT. XMRP = 29.5800 INCHES  
LREF = 38.7090 INCHES YMRP = .0000 INCHES  
ORF = 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = .850 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

ALPHA ( 1 ) = -0.120 BETA ( 1 ) = -0.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877
	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236
	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234
	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213
	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192
	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170
	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149
	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107
	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085
	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064
	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043
	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021
	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X/LB .6580

Y/BW	-.107	-.5059
	-.065	-.4807
	-.064	-.6283
	-.043	-.6538
	-.021	-.9346
	.000	-.8512

ALPHA ( 1 ) = -0.110 BETA ( 2 ) = -0.970

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877
	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236	-.236
	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234
	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213
	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192
	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170
	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149
	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107
	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085
	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064
	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043
	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.021
	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000



PARALLEL PRESSURE DATA (R1136)

ARC(S)=718 (A14 0A+1E+51E2+AT1) ORB ATTACH PTS (R81136)

ALPHA(1) = -.8118 BETA(1) = -3.973

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500	
Y/BW																
	-.107										.1474	.8122	-.0215	-.8196	-.8027	
	-.085										-.1061	.1630	-.0554	-.7334	-.7663	
	-.064										.0616	.0768	-.1137	-.5375	-.8173	
	-.043		.2223	.2936	.0357	-.9804	-1.3500	-.7623			.0179	-.0008	-.1244	-.3815	-.7685	
	-.021		.2861	.4677	.4762	-1.4760	-1.0850	-.6709			-.0045	-.0443	-.0859	-.2927	-.7450	
	.000		.1927	.2731	.0000	.0000	-.17699									
X/LB	.8580															

Y/BW

- .107
- .085
- .064
- .043
- .021
- .000

ALPHA(1) = -.8070 BETA(1) = .010

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500	
Y/BW																
	-.277															
	-.256															
	-.234															
	-.192															
	-.170															
	-.149															
	-.107															
	-.085															
	-.064															
	-.043		.2285	.3364	.1664	-.8395	-1.3140	-.7402								
	-.021		.2614	.4826	.6798	-1.3410	-1.0360	-.7480								
	.000		.1484	.2779	.0000	.0000	.0000	-.1186								
X/LB	.8580															

Y/BW

- .107
- .085
- .064
- .043

ARC11-716 1A14 01+T12+SIGN25+AT11 CRB ATTACH PTS (R81136)

ALPHA( 1 ) = -6.070 BETA( 3 ) = .010

SECTION ( 1 ) CRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LE	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-277	-236	-234	-213	-192	-170	-149	-107	-85	-64	-43	-21	0	21	43	64	85
-1081	-900	-5945														
-0.328	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
-0.454	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
.1708	.2541	.2521	.1704	.2990	.0041	.2679	.0541	.3783	.2177	.2299	.2902	.2177	.2299	.0541	.3783	.2177
-1.982	.2136	.1077	-0.824													
.184	.0798	-1.860	-0.260	-1.5071												
-0.006	-0.0075	-0.2630	-0.7558	-0.5531												
-0.0835	-0.1097	-0.3691	-0.6164	-0.5484												
-1.1562	-1.1869	-0.3425	-0.4801	-0.5367												
-1.1561	-2.2119	-0.2597	-0.4117	-0.6731												

ALPHA( 1 ) = -8.780 BETA( 4 ) = 4.090

SECTION ( 1 ) CRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LE	Y/BW	.1428	.1729	.2219	.2800	.3380	.3960	.4540	.5120	.5700	.6280	.6860	.7440	.8020	.8600
-277	-236	-234	-213	-192	-170	-149	-107	-85	-64	-43	-21	0	21	43	64
-1081	-900	-5945													
-0.328	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
-0.454	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
.1708	.2541	.2521	.1704	.2990	.0041	.2679	.0541	.3783	.2177	.2299	.2902	.2177	.2299	.0541	.3783
-1.982	.2136	.1077	-0.824												
.184	.0798	-1.860	-0.260	-1.5071											
-0.006	-0.0075	-0.2630	-0.7558	-0.5531											
-0.0835	-0.1097	-0.3691	-0.6164	-0.5484											
-1.1562	-1.1869	-0.3425	-0.4801	-0.5367											
-1.1561	-2.2119	-0.2597	-0.4117	-0.6731											

X/LE .8500

X/LE	Y/BW	-1.07	-1.5577	-0.85	-1.5009	-0.64	-1.4663	-0.43	-1.4945	-1.021	-1.5330	-0.205	-1.6601
-277	-236	-234	-213	-192	-170	-149	-107	-85	-64	-43	-21	0	21
-1081	-900	-5945											
-0.328	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
-0.454	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
.1708	.2541	.2521	.1704	.2990	.0041	.2679	.0541	.3783	.2177	.2299	.2902	.2177	.2299
-1.982	.2136	.1077	-0.824										
.184	.0798	-1.860	-0.260	-1.5071									
-0.006	-0.0075	-0.2630	-0.7558	-0.5531									
-0.0835	-0.1097	-0.3691	-0.6164	-0.5484									
-1.1562	-1.1869	-0.3425	-0.4801	-0.5367									
-1.1561	-2.2119	-0.2597	-0.4117	-0.6731									



(RB1136)

ARC11-716 IA14 01+112+112N5+AT11 088 ATTACH PTS

ALPHA ( 1 ) = -0.10F BETA ( 1 ) = 0.16Z

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1350	.1443	.1443	.1520	.1600	.1680	.1760	.1840	.1920	.2000	.2080	.2160	.2240	.2320	.2400	.2480	.2560	.2640	.2720	.2800	.2880	.2960	.3040	.3120	.3200	.3280	.3360	.3440	.3520		

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0070	.0950	.1020	.1100	.1180	.1260	.1350	.1443	.1443	.1520	.1600	.1680	.1760	.1840	.1920	.2000	.2080	.2160	.2240	.2320	.2400	.2480	.2560	.2640	.2720	.2800	.2880	.2960	.3040	.3120	.3200	.3280	.3360	.3440	.3520		

ALPHA ( 2 ) = -3.000 BETA ( 1 ) = -0.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0070	.0950	.1020	.1100	.1180	.1260	.1350	.1443	.1443	.1520	.1600	.1680	.1760	.1840	.1920	.2000	.2080	.2160	.2240	.2320	.2400	.2480	.2560	.2640	.2720	.2800	.2880	.2960	.3040	.3120	.3200	.3280	.3360	.3440	.3520		

ARC11-716 TA14 OI+TI2+S12M25+AT11 ORB ATTACH PTS

(R01135)

ALPHA ( 2 ) = -3.980    BETA ( 1 ) = -0.050

SECTION ( 1 ) ORB, ATTACH POINTS      DEPENDENT VARIABLE CP

X/LB            .0500  
 Y/LB  
 -1.107    -.5713  
 -1.685    -1.4053  
 -1.064    -1.5654  
 -1.043    -1.7554  
 -1.021    -1.0316  
 -1.000    -1.7618

ALPHA ( 2 ) = -3.980    BETA ( 2 ) = -3.990

SECTION ( 1 ) ORB, ATTACH POINTS      DEPENDENT VARIABLE CP

X/LB	Y/LB	X/LB	Y/LB	X/LB	Y/LB	X/LB	Y/LB	X/LB	Y/LB
.0870	.0950	.1020	.1100	.1190	.1260	.1330	.1400	.1490	.1560
-3.1113	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.2275	-1.1511	.6527	.4539	.3426	-1.1515	-1.2252	.0947	.5637	-1.408
.0000	.0000	.0000	.0947	.5637	-1.408	-1.2290	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

X/LB            .0350

Y/LB  
 -1.107    -.5713  
 -1.685    -1.4053  
 -1.064    -1.5654  
 -1.043    -1.7554  
 -1.021    -1.0316  
 -1.000    -1.7618





ARC11-716 IAI4 D1+T12+312M25+AT11 ORB ATTACH PIS (RB1136)

ALPHA ( 2 ) = -3.890 BETA ( 4 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BW
-.107
-.5097
-.065
-.4640
-.064
-.4296
-.043
-.4555
-.021
-.5397
.000
-.6110

ALPHA ( 3 ) = -4.000 BETA ( 5 ) = 8.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0970 .0950 .1020 .1100 .1180 .1260 .1330 .7800 .7963 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW
-.877
-.256
-.234
-.213
-.192
-.170
-.149
-.127
-.081
-.064
-.043
-.021
.000
.0270
.0500
.0750
.1000
.1250
.1500
.1750
.2000
.2250
.2500
.2750
.3000
.3250
.3500
.3750
.4000
.4250
.4500
.4750
.5000
.5250
.5500
.5750
.6000
.6250
.6500
.6750
.7000
.7250
.7500
.7750
.8000
.8250
.8500
.8750
.9000
.9250
.9500
.9750
.9900

X/LB .8500

Y/BW
-.107
-.5097
-.065
-.4640
-.064
-.4296
-.043
-.4555
-.021
-.5397
.000
-.6110



DATE BY JAP 74 148642ATED PRESS RE DATA = 1414 - VOL. 10

ARC11-716 1414 01+112+12EN25+AT11: ORB ATTACH PTS (RB1136)

ALPHA(1) = -.310 BETA(1) = -8.050

SECTION (1) ORB ATTACH POINTS	DEPENDENT VARIABLE CP	Y/B												
.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.127														
-.085														
-.064														
-.043														
-.021														
.000														

K/LB .0560

SECTION (1) ORB ATTACH POINTS	DEPENDENT VARIABLE CP	Y/B												
.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

ALPHA(2) = -.320 BETA(2) = -3.990

SECTION (1) ORB ATTACH POINTS	DEPENDENT VARIABLE CP	Y/B												
.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.127														
-.085														
-.064														
-.043														
-.021														
.000														

K/LB .0560



DATE 08 JAN 75 TABULATED PRESSURE DATA - IAI4A - /X/. 10

(RB1156)

ARC11-718 IAI4 OI-TIR-SIEMES+AT11 ORB ATTACH PNTS

ALPHAO ( 3 ) = -.380 BETA0 ( 2 ) = -3.990

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BA  
-.107 -.8870  
-.085 -.4582  
-.064 -.5429  
-.043 -.6009  
-.081 -.7132  
.000 -.7392

ALPHAO ( 3 ) = -.330 BETA0 ( 3 ) = .040

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0990 .1080 .1100 .1180 .1260 .1330 .7960 .7960 .8040 .8110 .8190 .8270 .8330 .8300

Y/BA  
-.277  
-.236  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.089  
-.064  
-.043  
-.021  
-.033 .1480 .2762 .0000 .0000 .0000 .0482 .4488 .0989 .6387  
1.718 .7800 .11940 .5721  
2.48 .3581 .1718 .7800 .11940 .5721  
8.597 .4812 .8796 .119763 .8395 .6763  
1.000 .1480 .2762 .0000 .0000 .0000 .0000

X/LB .0580

Y/BA  
-.107 -.6182  
-.085 -.3977  
-.064 -.4530  
-.043 -.4830  
-.021 -.5055  
1.000 -.5326



CALCULATED PRESSURE DATA TABLE - VOL. 10

REGRESSION LINE DISTRIBUTION STATISTICS FOR ATTACH POINTS (PB11136)

ALPHAS (4) = .233 BETA (4) = .913

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0875	.0950	.1025	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB	-.877										.0830	.0000	.0000	.0000	
	-.876								-.0268		.0000	.0000	.0000	.0000	
	-.834								.0190	.0000	.0000	.0000	.0000	.0000	
	-.813						.1994		.2628	-.1592	.2333	.2543	-.2304	-.2702	
	-.812								.2684	.0000	.2740	.2525	.0178	-.3647	
	-.819								.0000	.0000	.0096	.2028	.1744	.0295	
	-.807										-.0214	.2028	.1744	.0295	
	-.865										.0033	.1062	-.1444	-.8049	-.4836
	-.864										.0021	.0014	-.2096	-.7563	-.4798
	-.843					.1727	-.1684	-.6390			-.0048	-.0690	-.3514	-.5815	-.4605
	-.821					.3472	-.4293	-.8714	-.4381		-.0739	-.1443	-.3290	-.3740	-.3657
	-.820					.1404	.3180	-.0714	-.6170		-.0739	-.1443	-.3290	-.3740	-.3657
	-.838					.1399	.4183	-.7561	-.6078		-.0739	-.1443	-.3290	-.3740	-.3657
	-.838					.0218	.0000	.0000	-.6757		-.0739	-.1443	-.3290	-.3740	-.3657
	-.850										-.0739	-.1443	-.3290	-.3740	-.3657
	-.850										-.0739	-.1443	-.3290	-.3740	-.3657

X/LB .8500

- Y/DB
- .8107
- .8180
- .8166
- .8231
- .8100
- .8100
- .8100
- .8100
- .8100

ALPHAS (4) = 3.810 BETA (1) = -4.010

SECTION (1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1025	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB	-.877										-.2497	.0000	.0000	.0000	
	-.856								.0045	.0000	.0000	.0000	.0000	.0000	
	-.834								.0300	.0000	.0000	.0000	.0000	.0000	
	-.813						.2840		.2822	-.1426	.1126	.4107	-.1306	-.2087	
	-.812								.2807	.0000	.0000	.4150	.1724	-.2231	
	-.819								.0000	.0000	.0000	.3407	.2011	.0933	
	-.807										.0000	.0000	.0000	.0000	
	-.865										.0000	.0000	.0000	.0000	
	-.864										.0000	.0000	.0000	.0000	
	-.843										.0000	.0000	.0000	.0000	
	-.821										.0000	.0000	.0000	.0000	
	-.820										.0000	.0000	.0000	.0000	
	-.838										.0000	.0000	.0000	.0000	
	-.838										.0000	.0000	.0000	.0000	
	-.850										.0000	.0000	.0000	.0000	
	-.850										.0000	.0000	.0000	.0000	

X/LB .8500

ARC11-716 IA14 G1+T12+12N25+AT11 ORB ATTACH PTS

ALPHA( 4) = 5.810 BETA0 ( 1) = -4.010

SECTION ( 1) ORB ATTACH POINTS DEPENDENT VARIABLE CF

X/LB .0580

Y/BW  
 -1.107 -1.5053  
 .565 -1.4457  
 -1.364 -1.5251  
 -1.043 -1.5863  
 -1.021 -1.6521  
 .000 -1.7314

ALPHA( 4) = 5.810 BETA0 ( 2) = .040

SECTION ( 1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0575 .0930 .1020 .1150 .1180 .1261 .1330 .1780 .1760 .8040 .8110 .8190 .8270 .8350 .9300

Y/BW  
 -1.277  
 -1.256  
 -1.234  
 -1.213  
 -1.192  
 -1.170  
 -1.149  
 -1.127  
 -1.055  
 -1.064  
 -1.043  
 -1.021  
 .000 .1410 .2749 .0530 .0000 .0000  
 .2271 .3402 .1702 -1.7740 -1.0940 -1.6116  
 .2603 .4831 .0764 -1.0990 -1.9351 -1.5945  
 .0471 -1.4521 -1.9156 -1.7565  
 .1061  
 .0000 .1308 -1.1324 .2717  
 .0000 .0000 .0000 .0000 .0000  
 -.0309 .0000 .0000 .0000 .0000 .0000  
 -.0984 .0000 .0000 .0000 .0000 .0000  
 -.0340 .1249 .1154 -.2710 -1.3350  
 -.1645 .1053 -.0464 -.0760  
 .0114 .0397 -.2054 -1.6867 -1.5439  
 -.0148 -.0196 -.2479 -.6515 -.5727  
 -.0433 -.0801 -.2911 -.5491 -.5825  
 -.0780 -.1337 -.2734 -.4656 -.6385  
 -.0514 -.1571 -.2232 -.4152 -.6624  
 -.5553

X/LB .0580

Y/BW  
 -1.107  
 -1.085  
 -1.064  
 -1.043  
 -1.021  
 .000 -1.5616



DATE OF JAN 75 TABULATED PRESSURE DATA - 1414 - VOL. 10

ARC11-716 1A14 01+11E+31E23+AT11 ORB ATTACH PTS (RB1135)

ALPHA( 4) = 3.800 BETA( 3) = 4.090

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0875	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877	-.277											.0174	.0000	.0000	.0000	.0000
-.256	-.256												.0000	.0000	.0000	.0000
-.234	-.234												.0000	.0000	.0000	.0000
-.213	-.213								.2067	.2625	.2718	.2915	.2404	-.2141	-.2710	
-.192	-.192											.0368	.2777	.0669	-.3429	
-.170	-.170											-.1727	.2520	.1431	-.0499	
-.149	-.149															-.4745
-.107	-.107											.0967	.1513	-.1210	-.8110	-.4745
-.085	-.085				.1315	-.3038	-.7856	-.7786				.0584	.0711	-.1960	-.7494	-.5284
-.064	-.064			.1661	.3496	.2307	-.6066	-.9254	-.6008			-.0021	-.0306	-.3111	-.5920	-.5192
-.043	-.043			.2068	.4708	.8014	-.9638	-.8458	-.6729			-.0566	-.1162	-.2956	-.4374	-.4780
-.021	-.021			.0000	.0000	.0000	.0000	-.6485				-.0812	-.1458	-.2153	-.3918	-.5681
.000	.000			.0000	.0000	.0000	.0000									

ALPHA( 4) = 3.780 BETA( 4) = 6.160

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877	-.877											.0751	.0000	.0000	.0000	.0000
-.256	-.256												.0000	.0000	.0000	.0000
-.234	-.234												.0000	.0000	.0000	.0000
-.213	-.213								.8015	.2665	-.1571	.5001	.2550	-.2400	-.2542	
-.192	-.192											.2687	.2406	.0399	-.3757	
-.170	-.170											-.0107	.1966	.1704	.0488	
-.149	-.149											-.2081				-.4801
-.107	-.107											.0574	.1207	-.1534	-.7976	-.4585
-.085	-.085											.0259	.0427	-.2267	-.7525	-.4736
-.064	-.064			.1228	.2991	.3442	-.4070	-.6645	-.4121			-.0281	-.0594	-.3663	-.5648	-.4415
-.043	-.043			.1168	.4029	.8907	-.7447	-.7933	-.5961			-.0793	-.1436	-.3413	-.3582	-.3571
-.021	-.021			.1482	.0000	.0000	.0000					-.1099	-.1677	-.2225	-.3175	-.4453
.000	.000			.0004	.0000	.0000	.0000									

(R01136)

ARC11-716 IA14 O1+T12+S12N5\*AT11 ORB ATTACH PTS

ALPHA( 4 ) = 3.780 BETA( 4 ) = 0.180

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW

-1.107	-1.5009
-1.083	-1.4852
-1.064	-1.4317
-1.043	-1.4075
-1.021	-1.4440
-1.000	-1.6035

ALPHA( 9 ) = 7.940 BETA( 1 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0450 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-1.877														
-1.258														
-1.234														
-1.213														
-1.192														
-1.170														
-1.149														
-1.107														
-1.065														
-1.064														
-1.043														
-1.021														
-1.000														

X/LB .0560

Y/BW

-1.107	-1.4304
-1.083	-1.4110
-1.064	-1.4723
-1.043	-1.4975
-1.021	-1.5536
-1.000	-1.5748



TABULATED PRESSURE DATA - IAL44 - VOL 10

ARC11-716 IAL4 DL+T12+S12E5+AT11 ORB ATTACH PTS (R011356)

ALPHA ( 3 ) = 7.930 BETA ( 3 ) = 8.190

SECTION ( 1 ) ORB ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277												.0231	.0000	.0000	.0000	
-.256											-.3093	.0000	.0000	.0000	.0000	
-.234									.0000	.0000	.0000	.0000	.0000	.0000	.0000	
-.213								.2216	.2714	-.1406	.5590	.2960	.2412	-.2041	-.2661	
-.192									.2832	.0000	.0000	.0361	.2758	.0715	-.3373	
-.170												-.1881	.2699	.1604	-.0479	
-.149												.1094	.1656	-.1090	-.8087	-.4710
-.107												.0710	.0864	-.1840	-.7359	-.5149
-.085						1262	-.2906	-.7736	-.7400			.0115	-.0209	-.2975	-.5902	-.5040
-.064				.1722	.3400	.2832	-.3831	-.9368	-.5958			-.0436	-.1059	-.2810	-.4253	-.4476
-.043				.959	.4663	.8050	-.9201	-.8246	-.6750			-.0689	-.1353	-.2116	-.3689	-.5182
-.021				.0830	.2188	.0000	.0000	-.6323								
.000																

X/LB .8580

Y/LB

-.107	-.4887
-.085	-.4429
-.064	-.4227
-.043	-.4530
-.021	-.3001
.000	-.3697

ALPHA ( 3 ) = 7.910 BETA ( 3 ) = 8.190

SECTION ( 1 ) ORB ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277												.0485	.0000	.0000	.0000	
-.256											-.0617	.0000	.0000	.0000	.0000	
-.234									.0000	.0000	.0000	.0000	.0000	.0000	.0000	
-.213								.2084	.2652	-.1592	.4871	.2675	.2337	-.2313	-.2692	
-.192									.2644	.0000	.0000	.0268	.2307	.0022	-.3833	
-.170												-.2334	.2011	.1735	.0325	
-.149												.0689	.1217	-.1531	-.8186	-.4827
-.107												.0351	.0437	-.2241	-.7734	-.4776
-.085						.1472	-.1698	-.6154	-.4773			-.0163	-.0601	-.3528	-.5801	-.4538
-.064				.1019	.2776	.3323	-.4058	-.8438	-.3501			-.0666	-.1451	-.3345	-.3684	-.3689
-.043				.0973	.3027	.8848	-.7249	-.7364	-.5479			-.0671	-.1588	-.2081	-.3279	-.4194
-.021				.1282	.0000	.0000	.0000	-.5691								
.000																

X/LB .8580

DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 1D

(RB1138)

ARC11-716 IA14 OI+T12+SIENES+AT11 ORB ATTACH PTS

ALPHAO ( 5 ) = 7.910 BETAO ( 3 ) = 8.190

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.6380
T/BW	
	-.107
	-.5053
	-.085
	-.4786
	-.084
	-.4476
	-.043
	-.4281
	-.021
	-.4652
	.000
	-.6018





(PB:137)

ARC11-716 IAI4 CH+T12+S12N25+AT11 OR8 ATTACH PTS

ALPHA( 1 ) = -6.050 BETA( 2 ) = .040

SECTION ( 1 ) OR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/L8	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															
	.0944	.1432	.1432	.0924	.0924	.1185	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926
	.0703	.0924	.1185	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926
	.0350	.0217	.1815	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926
	.0039	.0364	.1676	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926
	-.0138	-.0398	-.1092	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926	.0926

X/L8 .8580

Y/BW
-1.107
-1.085
-1.064
-1.043
-1.021
-1.000

ALPHA( 1 ) = -6.070 BETA( 3 ) = 4.090

SECTION ( 1 ) OR8 ATTACH POINTS DEPENDENT VARIABLE CP

X/L8	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.277															
-1.256															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															
	.0692	.0961	.1385	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.0204	.0593	.1586	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.0216	.0655	.1642	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.0067	.0464	.1706	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.0272	.0692	.1710	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.0219	.0625	.1647	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.1508	.1672	.0755	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.0795	.0962	.1555	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	.0075	.0040	.02649	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	-.0453	-.0695	-.2564	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961
	-.0735	-.0955	-.1727	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961	.0961

X/L8 .8580

Y/BW
-1.107
-1.085
-1.064
-1.043
-1.021





(R01137)

ARC11-716 IA14 OI\*TI2\*SI2N25\*AT11 ORB ATTACH PTS

ALPHA( 2 ) = -4.090 BETA( 1 ) = -0.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/8	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.065	-.064	-.043	-.021	-.003	-.3400	-.4211
								.2543	.3541	.5448	.9459	.4642	.0169	-.0978	-.3723
								.0711	-.1340	-.4569	-.3353	-.3108	-.4879	-.4587	-.4770
								.3757	.4034	.4018	.4692	.3548	.1623	-.3091	-.3727
														.3091	.1931
														.2665	.3282
														.2193	.2475
														.1749	.1683
														.1597	.1256
														-.3021	-.5870
														-.6688	-.6053
														-.5478	-.4374
														-.3901	-.3801

X/8 .8360

Y/8 -.060

-.107	-.0810	-.065	-.0206	-.064	-.0372	-.043	-.0684	-.021	-.0099	.000	-.7540
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ALPHA( 2 ) = -4.090 BETA( 2 ) = -0.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/8	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8	-.277	-.258	-.234	-.213	-.192	-.170	-.149	-.107	-.065	-.064	-.043	-.021	-.003	-.3400	-.4211
								.1573	.2810	.4860	.7030	.4099	-.0451	-.1746	-.4544
								.0843	-.1781	-.5291	-.5152	-.2958	-.4578	-.4334	-.5376
								.2731	.0000	.3013	.2905	.3635	.2526	.0611	-.4980
														.2270	.2905
														.1937	.2457
														.1560	.1726
														.1153	.0995
														.0612	.0237
														-.1314	-.3252

X/8 .8360

Y/8 -.060

-.107	-.0810	-.065	-.0206	-.064	-.0372	-.043	-.0684	-.021	-.0099	.000	-.7540
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(R81137)

ARC11-716 IAI4 01+T12+SI2N25+AT11 ORB ATTACH PTS

ALPHA( 8 ) = -4.080 BETA( 4 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

R/LB	.0070	.0850	.1080	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
T/B=															
	-.877										.1085	.0432	-.0992	-.3296	
	-.256								.3144	.0335	-.0025	-.1170	-.4118		
	-.234								.5278	.5719	-.1481	-.1911	-.0072	-.3322	
	-.815									.6564	.6140				
	-.132							.4318	.5189	.0000	.2170	.2928	-.0664	-.1629	
	-.170								.3553	.2727	.2584	.2890	.2035	-.2627	
	-.149										.2308	.3235	.2431	-.0662	
	-.107														-.3881
	-.085										.1494	.2017	-.0368	-.8548	-.3362
	-.084										.1059	.1190	-.1284	-.7309	-.4750
	-.043										.0401	.0131	-.2511	-.5753	-.4338
	-.021										-.0156	-.0759	-.2426	-.4081	-.4117
	.000										-.0498	-.1051	-.1595	-.3292	-.5377

R/LB .8580

T/B=

	-.107	-.5250
	-.085	-.5118
	-.064	-.4929
	-.043	-.4845
	-.021	-.5499
	.000	-.6660

ALPHA( 2 ) = -4.110 BETA( 5 ) = 8.150

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

R/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
T/B=															
	-.877										.2150	.1486	.0070	-.2504	
	-.256									.4084	.1624	.1256	-.0129	-.3540	
	-.234									.6502	.0366	-.0498	.0839	-.3016	
	-.815										.6783	.5655			
	-.132							.4734	.5939	.6502	.2295	.3450	-.1192	-.1819	
	-.170								.5535	.3768	.0000	.2579	.2415	.0994	-.2027
	-.149									.2745	.1882	.2711	.2500	.0049	
	-.107														-.5833
	-.085										.1358	.2052	-.0147	-.7026	-.5333
	-.084										.1110	.1421	-.1004	-.7975	-.5172
	-.043										.6594	.0246	-.2668	-.6498	-.4016
	-.021										-.1100	-.0637	-.3352	-.3830	-.3408
	.000										-.0557	-.1168	-.1170	-.2939	-.3793

R/LB .8100



TABLETED PRESSURE DATA - JATA4 VOL 10

(R81137)

ARC11-716 JATA 01-112-512425+AT11 DRB ATTACH PTS

ALPHA ( 2 ) = -.4310 BETA ( 1 ) = 0.110

SECTION ( 1 ) DRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/LB	-.107	-.4606
	-.068	-.5504
	-.044	-.4720
	-.043	-.4691
	-.021	-.5064
	.000	-.6544

ALPHA( 3 ) = -.3310 BETA( 1 ) = -0.040

SECTION ( 1 ) DRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670

Y/LB	-.277	-.4149	-.3025	-.4007	-.4438	-.3643
	-.236	-.4801	-.1972	-.4149	-.4801	-.2504
	-.234	-.4761	-.1837	-.4761	-.2896	-.2914
	-.213	.9454	.1156	-.4761	-.2896	-.4900
	-.192	.9454	.2811	.5696	.5220	.0060
	-.170	.9454	.3999	.0000	.4510	-.1034
	-.149	.9454	.4295	.4746	.4990	.3166
	-.107	.9454	.4193	.4861	.3643	-.1732
	-.085	.9454	.3217	.3637	.1978	-.5776
	-.064	.9454	.2796	.3391	.1721	-.4672
	-.043	.9454	.2359	.2622	.1288	-.2669
	-.021	.9454	.1894	.1844	.1087	-.1202
	.000	.9454	.1653	.1409	.1118	-.0760

X/LB .0500

Y/LB	-.107	-.6104
	-.085	-.5247
	-.064	-.6218
	-.043	-.6522
	-.021	-.7817
	.000	-.7196

ARC11-719 IAI14 01+712+SIGNES+AT11 ORB ATTACH PTS (RB1137)

ALPHA ( 3 ) = -.320 BETA ( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/L		.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/0																
- .277																
- .256																
- .234																
- .213																
- .192																
- .170																
- .149																
- .127																
- .105																
- .084																
- .043																
- .021																
.000																

ALPHA ( 3 ) = -.320 BETA ( 2 ) = -.040

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/L		.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/0																
- .307																
- .285																
- .264																
- .243																
- .221																
- .199																
- .177																
- .155																
- .134																
- .112																
- .090																
- .068																
- .046																
- .024																
.002																

ALPHA ( 3 ) = -.320 BETA ( 2 ) = -.040

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/L		.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/0																
- .277																
- .256																
- .234																
- .213																
- .192																
- .170																
- .149																
- .127																
- .105																
- .084																
- .064																
- .043																
- .021																
.000																



DATE OF JOB 71 TABULATED PRESSURE DATA - 14147 - VOL. 10

ARC11-716 IALA DISTRESS SIGNAL ORB ATTACH PTS (RB1137)

ALPHA (3) = -.320 BETA (3) = .040

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0390

T/MB  
 -.107 -.4808  
 -.088 -.4485  
 -.064 -.5035  
 -.043 -.5587  
 -.021 -.6145  
 .000 -.6704

ALPHA (3) = -.320 BETA (4) = 4.090

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .1410 .1490

T/MB  
 -.877  
 -.826  
 -.784  
 -.743  
 -.702  
 -.661  
 -.620  
 -.579  
 -.538  
 -.497  
 -.456  
 -.415  
 -.374  
 -.333  
 -.292  
 -.251  
 -.210  
 -.169  
 -.128  
 -.087  
 -.046  
 -.005  
 .036  
 .077  
 .118  
 .159  
 .200  
 .241  
 .282  
 .323  
 .364  
 .405  
 .446  
 .487  
 .528  
 .569  
 .610  
 .651  
 .692  
 .733  
 .774  
 .815  
 .856  
 .897  
 .938  
 .979  
 1.020  
 1.061  
 1.102  
 1.143  
 1.184  
 1.225  
 1.266  
 1.307  
 1.348  
 1.389  
 1.430  
 1.471  
 1.512  
 1.553  
 1.594  
 1.635  
 1.676  
 1.717  
 1.758  
 1.799  
 1.840  
 1.881  
 1.922  
 1.963  
 2.004  
 2.045  
 2.086  
 2.127  
 2.168  
 2.209  
 2.250  
 2.291  
 2.332  
 2.373  
 2.414  
 2.455  
 2.496  
 2.537  
 2.578  
 2.619  
 2.660  
 2.701  
 2.742  
 2.783  
 2.824  
 2.865  
 2.906  
 2.947  
 2.988  
 3.029  
 3.070  
 3.111  
 3.152  
 3.193  
 3.234  
 3.275  
 3.316  
 3.357  
 3.398  
 3.439  
 3.480  
 3.521  
 3.562  
 3.603  
 3.644  
 3.685  
 3.726  
 3.767  
 3.808  
 3.849  
 3.890  
 3.931  
 3.972  
 4.013  
 4.054  
 4.095  
 4.136  
 4.177  
 4.218  
 4.259  
 4.300  
 4.341  
 4.382  
 4.423  
 4.464  
 4.505  
 4.546  
 4.587  
 4.628  
 4.669  
 4.710  
 4.751  
 4.792  
 4.833  
 4.874  
 4.915  
 4.956  
 4.997  
 5.038  
 5.079  
 5.120  
 5.161  
 5.202  
 5.243  
 5.284  
 5.325  
 5.366  
 5.407  
 5.448  
 5.489  
 5.530  
 5.571  
 5.612  
 5.653  
 5.694  
 5.735  
 5.776  
 5.817  
 5.858  
 5.899  
 5.940  
 5.981  
 6.022  
 6.063  
 6.104  
 6.145  
 6.186  
 6.227  
 6.268  
 6.309  
 6.350  
 6.391  
 6.432  
 6.473  
 6.514  
 6.555  
 6.596  
 6.637  
 6.678  
 6.719  
 6.760  
 6.801  
 6.842  
 6.883  
 6.924  
 6.965  
 7.006  
 7.047  
 7.088  
 7.129  
 7.170  
 7.211  
 7.252  
 7.293  
 7.334  
 7.375  
 7.416  
 7.457  
 7.498  
 7.539  
 7.580  
 7.621  
 7.662  
 7.703  
 7.744  
 7.785  
 7.826  
 7.867  
 7.908  
 7.949  
 7.990  
 8.031  
 8.072  
 8.113  
 8.154  
 8.195  
 8.236  
 8.277  
 8.318  
 8.359  
 8.400  
 8.441  
 8.482  
 8.523  
 8.564  
 8.605  
 8.646  
 8.687  
 8.728  
 8.769  
 8.810  
 8.851  
 8.892  
 8.933  
 8.974  
 9.015  
 9.056  
 9.097  
 9.138  
 9.179  
 9.220  
 9.261  
 9.302  
 9.343  
 9.384  
 9.425  
 9.466  
 9.507  
 9.548  
 9.589  
 9.630  
 9.671  
 9.712  
 9.753  
 9.794  
 9.835  
 9.876  
 9.917  
 9.958  
 10.000

K/LB .0360

T/MB  
 -.107 -.5848  
 -.088 -.5503  
 -.064 -.6118  
 -.043 -.6708  
 -.021 -.7299  
 .000 -.7894

K/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.1410	.1490	.1570	.1650	.1730	.1810	.1890	.1970	.2050	.2130	.2210	.2290	.2370	.2450	.2530	.2610	.2690	.2770	.2850	.2930	.3010	.3090	.3170	.3250	.3330	.3410	.3490	.3570	.3650	.3730	.3810	.3890	.3970	.4050	.4130	.4210	.4290	.4370	.4450	.4530	.4610	.4690	.4770	.4850	.4930	.5010	.5090	.5170	.5250	.5330	.5410	.5490	.5570	.5650	.5730	.5810	.5890	.5970	.6050	.6130	.6210	.6290	.6370	.6450	.6530	.6610	.6690	.6770	.6850	.6930	.7010	.7090	.7170	.7250	.7330	.7410	.7490	.7570	.7650	.7730	.7810	.7890	.7970	.8050	.8130	.8210	.8290	.8370	.8450	.8530	.8610	.8690	.8770	.8850	.8930	.9010	.9090	.9170	.9250	.9330	.9410	.9490	.9570	.9650	.9730	.9810	.9890	.9970	1.0050																																																																																																																																																						
T/MB	-.877	-.826	-.784	-.743	-.702	-.661	-.620	-.579	-.538	-.497	-.456	-.415	-.374	-.333	-.292	-.251	-.210	-.169	-.128	-.087	-.046	-.005	.036	.077	.118	.159	.200	.241	.282	.323	.364	.405	.446	.487	.528	.569	.610	.651	.692	.733	.774	.815	.856	.897	.938	.979	1.020	1.061	1.102	1.143	1.184	1.225	1.266	1.307	1.348	1.389	1.430	1.471	1.512	1.553	1.594	1.635	1.676	1.717	1.758	1.799	1.840	1.881	1.922	1.963	2.004	2.045	2.086	2.127	2.168	2.209	2.250	2.291	2.332	2.373	2.414	2.455	2.496	2.537	2.578	2.619	2.660	2.701	2.742	2.783	2.824	2.865	2.906	2.947	2.988	3.029	3.070	3.111	3.152	3.193	3.234	3.275	3.316	3.357	3.398	3.439	3.480	3.521	3.562	3.603	3.644	3.685	3.726	3.767	3.808	3.849	3.890	3.931	3.972	4.013	4.054	4.095	4.136	4.177	4.218	4.259	4.300	4.341	4.382	4.423	4.464	4.505	4.546	4.587	4.628	4.669	4.710	4.751	4.792	4.833	4.874	4.915	4.956	4.997	5.038	5.079	5.120	5.161	5.202	5.243	5.284	5.325	5.366	5.407	5.448	5.489	5.530	5.571	5.612	5.653	5.694	5.735	5.776	5.817	5.858	5.899	5.940	5.981	6.022	6.063	6.104	6.145	6.186	6.227	6.268	6.309	6.350	6.391	6.432	6.473	6.514	6.555	6.596	6.637	6.678	6.719	6.760	6.801	6.842	6.883	6.924	6.965	7.006	7.047	7.088	7.129	7.170	7.211	7.252	7.293	7.334	7.375	7.416	7.457	7.498	7.539	7.580	7.621	7.662	7.703	7.744	7.785	7.826	7.867	7.908	7.949	7.990	8.031	8.072	8.113	8.154	8.195	8.236	8.277	8.318	8.359	8.400	8.441	8.482	8.523	8.564	8.605	8.646	8.687	8.728	8.769	8.810	8.851	8.892	8.933	8.974	9.015	9.056	9.097	9.138	9.179	9.220	9.261	9.302	9.343	9.384	9.425	9.466	9.507	9.548	9.589	9.630	9.671	9.712	9.753	9.794	9.835	9.876	9.917	9.958	10.000

ARC11-718 1A14 01+T112+S12N2+AT11 ORB ATTACH PTS (RB1137)

ALPHA( 3 ) = -.330 BETA( 5 ) = 0.130

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP													
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
-.277											.2463	.1792	.0295	-.2306	
-.258									.4340		.1992	.1651	.0142	-.3392	
-.234								.6144	.6713		.0866	-.0112	.1060	-.2955	
-.213									.5677	.6838	.5597				
-.192							.4936		.3920	.0300	.2516	.3576	-.1099	-.1712	
-.170									.2895		.2744	.2525	.1041	-.2752	
-.149											.2110	.8927	.8579	.0357	
-.127														-.6250	
-.085											.1500	.2208	-.0156	-.8760	
-.064							.3036	-.0116	-.4897	-.8084	.1283	.1502	-.0960	-.8407	
-.043							.4724	-.2660	-.8926	-.8882	.0625	.0423	-.2597	-.7062	
-.021							.2291	.4374	-.8926	-.8882	.0095	-.0663	-.3289	-.3028	
.000							.8402	.3300	-.7484	-.7484	-.0371	-.0809	-.1807	-.3121	
							.1068	.2811	-.0000	-.7668				-.3883	
							.0000	.0000	.0000						

X/LB .8580

Y/BW

-.107	-.5698
-.085	-.3759
-.064	-.4765
-.043	-.4535
-.021	-.4976
.000	-.6546

ALPHA( 4 ) = 4.030 BETA( 1 ) = -8.060

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP													
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
-.277															
-.258															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

X/LB .8580



DATE 28 JAN 71 TABULATED PRESSURE DATA - IA114A - VOL. 10

(RB1137)

ARC11-716 IA14 01+112+912N23+AT11 ORB ATTACH PTS

ALPHA( 4) = 4.030 BETA( 1) = -8.060

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW  
-.107 -.8082  
-.085 -.5074  
-.064 -.3971  
-.043 -.7986  
-.021 -.7563  
.000 -.6885

ALPHA( 4) = 4.030 BETA( 2) = -4.010

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW  
-.877  
-.886  
-.894  
-.819  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.1894  
-.0000  
-.0000  
-.0000  
-.0428  
-.4419  
-.9099  
-.6683  
.8871  
.3785  
.1437  
-.7419  
-.8737  
-.7517  
.3260  
.3372  
.5340  
-1.2230  
-.8590  
-.7473  
.0000  
.0000  
-.7354  
-.2228  
-.3091  
-.3688  
-.4474  
-.2224  
-.2854  
-.076  
-.5615  
-.6481  
.1820  
.1886  
.0295  
-.3690  
-.6122  
.1400  
.1192  
.0244  
-.2245  
-.5361  
.1157  
.0833  
.0347  
-.1666  
-.4831  
-.1205  
-.3679  
-.4768  
-.3163  
-.3753  
-.4884  
-.4717  
-.2583  
-.4451  
.1427  
-.0914  
-.4884  
-.4717  
-.2583  
-.4451  
.1427  
-.0914  
-.4884  
-.4717  
-.2583  
-.4451  
.2189  
.3522  
.4400  
.7103  
.3566  
.4308  
-.0204  
-.1521  
.3755  
.4122  
.2467  
-.2222  
.3289  
.3917  
.2731  
.0730  
-.4733  
.2593  
.3139  
.1117  
-.6538  
-.5147  
.2224  
.2854  
.076  
-.5615  
-.6481  
.1820  
.1886  
.0295  
-.3690  
-.6122  
.1400  
.1192  
.0244  
-.2245  
-.5361  
.1157  
.0833  
.0347  
-.1666  
-.4831

X/LB .8580

Y/BW  
-.107 -.5785  
-.085 -.5077  
-.064 -.6031  
-.043 -.7588  
-.021 -.7709  
.000 -.6972

ARC11-716 IA14 01\*112+112N25+AT11 ORB ATTACH PTS (RB1137)

ALPHA( 4) = 4.020 BETA( 3) = .030

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7890	.7960	.8040	.8110	.8190	.8270	.8350	.8800
Y/BW	-.277														
-.256									.0407		-.0368	-.1066	-.2199	-.3057	
-.234								.1755	.1430		-.0768	-.1060	-.2330	-.4399	
-.192				.1690				.2009	.2628		-.2148	-.1722	-.1749	-.4157	
-.170								.1488	.8000		.0963	.1648	-.2137	-.3040	
-.149								.1139			.1030	.1309	.0016	-.2981	
-.107											.0887	.1273	-.0081	-.1285	
-.085											.0530	.0698	-.1500	-.7115	-.5347
-.064				.1670	-.2723	-.7697	-.8182				.0318	.0225	-.1860	-.6942	-.5914
-.043		.8620	.4056	.2834	-.5815	-1.0000	-.7926				.0638	-.0355	-.2315	-.5187	-.5842
-.021		.3031	.5277	.7407	-1.1660	-.9426	-.7898				-.0250	-.0806	-.2096	-.4023	-.6018
.000	.1838	.3249	.0000	.0000	.0000	-.7356					-.0368	-.0945	-.1633	-.3476	-.6116

X/LB .8580

Y/BW
-.107
-.4784
-.035
-.4529
-.064
-.5053
-.043
-.5752
-.021
-.6397
.000
-.6797

ALPHA( 4) = 4.020 BETA( 4) = 4.100

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7890	.7960	.8040	.8110	.8190	.8270	.8350	.8800
Y/BW	-.277														
-.256									.3492		.1513	.0863	-.0523	-.2815	
-.234								.5401	.5868		.0909	.0517	-.0767	-.3941	
-.192				.4324				.5093	.6327		-.0549	-.1345	.0289	-.3174	
-.170								.3572	.0000		.2089	.2896	-.0793	-.1665	
-.149								.2657			.2452	.2787	.1808	-.2509	
-.107											.2453	.3320	.2339	-.0602	
-.085											.1684	.2318	-.0046	-.8354	-.5375
-.064				.2530	-.1324	-.6323	-.8852				.1326	.1537	-.0876	-.7330	.982
-.043		.2493	.4454	.4044	-.4202	-.9743	-.7581				.0758	.0556	-.2264	-.5799	-.4112
-.021		.2882	.5589	.8729	-1.1240	-.8852	-.7515				.0217	-.0387	-.2295	-.3903	-.3602
.000	.1414	.3073	.0000	.0000	.0000	-.8749					-.0092	-.0716	-.1429	-.3232	-.4410

X/LB .8580



TABLED PRESSURE DATA - TA14A - VOL. 1D

(R61137)

ARC11-716 TA14 01\*12+812N25\*AT11 068 ATTACH PTS

DATE JS JAN 75

ALPHA( 4 ) = 4.020 BETA( 4 ) = 4.100

SECTION ( 1 ) : 08B ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 4 ) = 4.010 BETA( 5 ) = 8.140

SECTION ( 1 ) : 08B ATTACH POINTS

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

DEPENDENT VARIABLE CP

.7880 .7950 .8040 .8110 .8190 .8270 .8350

.2622
.2192
.1249
.5439
.2584
.2727
.2218
.1530
.1298
.0712
.0113
-.0225

X/LB .0580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ORIGINAL PAGE IS OF POOR QUALITY

ARC11-716 IA14 01\*712\*312M25\*AT11 ORB ATTACH PTS (RB1137)

ALPHA( 5 ) = 7.940 BETA( 1 ) = -0.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277							.2797	.4077	.5560	.9002	.5376	-.4127	-.3070	
	-.236							.1368	-.1756	-.4716	-.2628	-.2807	-.4746		
	-.213							.3944	.0000	.4461	.5376	-.0140	-.1110		
	-.192							.4205	.4553	.4867	.2964	-.2832			
	-.170								.4036	.4665	.3527	.1598			
	-.107										.2942	.3491	.1578	-.5944	-.4513
	-.085										.2562	.2980	.1348	-.4957	-.6081
	-.064										.2027	.2213	.0916	-.3033	-.5756
	-.043										.1511	.1458	.0760	-.1669	-.4924
	-.021										.1268	.1003	-.0578	-.1397	-.3712
	.000														

X/LB .0380

Y/BW

-0.107	-0.022
-0.085	-0.5100
-0.064	-0.5996
-0.043	-0.7730
-0.021	-0.7567
.000	-0.6787

ALPHA( 5 ) = 7.940 BETA( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277							.2340	.3433	.4703	.7554	.4711	-.0502	-.1538	
	-.256							.1700	-.0523	-.4886	-.4826	-.2431	-.4250		
	-.234								.3217	.0000	.3589	.4084	.2330	-.2338	
	-.213								.3380		.3320	.3933	.2678	.0801	
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														

X/LB .0380





ARC11-716 IA14 01+T1R+SIGNES+AT11 ORB ATTACH FTS

(RB1137)

ALPHA( 5 ) = 7.930 BETA( 4 ) = 4.110

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/RW	-.277										.1324	.0671	-.0843	-.2836	
	-.236									.3376	.0773	.0434	-.0928	-.3904	
	-.234								.4843	.3372	-.0399	-.1281	-.0053	-.3487	
	-.213									.5578	.4739				
	-.192			.3771	.4541					.0000	.1553	.2343	-.1312	-.2117	
	-.173				.2997					.2094	.2005	.2163	.1170	-.2919	
	-.157										.1931	.2703	-.1751	-.0783	
	-.085										.1321	.1956	-.0394	-.8373	-.5822
	-.064				.2433	-.1193	-.6162	-.8683			.1006	.1114	-.1145	-.7383	-.5080
	-.043				.2062	.4213	.4074	-.3918	-.7125		.0518	.0246	-.2411	-.5541	-.4318
	-.021				.2366	.53.6	.6954	-1.1070	-.7891		.0061	-.0558	-.2437	-.3984	-.3780
	.000				.1042	.2726	.0000	.0000	-.6873		-.0183	-.0843	-.1548	-.3457	-.4212

X/LB .6580

Y/RW

	-.107	-.5156
	-.085	-.4866
	-.064	-.4729
	-.043	-.4698
	-.021	-.4530
	.000	-.4327

ALPHA( 5 ) = 7.920 BETA( 5 ) = 6.180

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/RW											.2282	.1886	.0382	-.1273	
										.4242	.1950	.1359	.0196	-.3215	
									.5786	.6465	.1340	-.0054	.0886	-.3128	
									.5030	.6069	.4574				
				.4458	.3229					.0000	.1858	.2962	-.1224	-.1803	
					.2182					.2106	.2106	.1912	.0633	-.3252	
											.1821	.2424	-.2339	.0504	
											.1211	.1759	-.0563	-.8420	-.6093
					.2554	-.0216	-.4842	-.8051			.0936	.1058	-.1250	-.7524	-.3333
					.1888	.3023	.4485	-.8726	-.8758		.0397	.0103	-.2765	-.6826	-.4374
					.1306	.4889	.8414	-.9201	-.8992	-.7170	-.3108	-.0886	-.3328	-.3973	-.3764
					.000	.0137	.8026	.0000	.0000	-.7175	-.0439	-.1216	-.2080	-.2547	-.2669

X/LB .6580



DATE 02 JAN 73 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(RB1137)

ARC11-716 1A14 01+112+312N25+AT11 ORB ATTACH PTS

ALPHA(3) = 7.92E BETAD (3) = 8.15D

SECTION: 11000. ATTACH POINTS DEPENDENT VARIABLE: CP

X/LB .0380

Y/BM
-.107
-.5492
-.085
-.5195
-.064
-.4506
-.043
-.4815
-.021
-.4699
.000
-.5952

ARC11-716 IA14 01+T12+S12N25+T11 ORB ATTACH PTS

(RB1136) ( 15 FEB 74 )

REFERENCE DATA

REF = 2.4810 SQ.FT. XMRP = 29.5000 INCHES  
 LREF = 38.7090 INCHES YMRP = .0000 INCHES  
 ORF = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.050 ELEVON = .000  
 RUDDER = .000 SPOBRK = .000

ALPHA( 1 ) = -8.080 BETA( 1 ) = -8.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-1.277															
-1.256															
-1.234															
-1.213															
-1.192								.2724	.3579	.5410	.9300				
-1.170									.3817	.0000	.4220	.4798	.1353	-.0187	
-1.149									.1196	.4707	.5037	.3615	-.1630		
-1.107										.4189	.4828	.3960	.1928		
-1.085											.5441	.4115	.2680	-.4260	-.8619
-1.064						.1425	-.3288	-.7617	-.8942		.3126	.3770	.2508	-.3247	-.5231
-1.043		.4394	.5031	.2327	-.6060	-1.0120	-.7578				.2798	.3103	.2144	-.1390	-.4514
-1.021		.4937	.6780	.5828	-.9945	-.8671	-.6211				.2405	.2414	.1883	-.0035	-.4060
1.000		.3688	.4653	.0000	.0000		-.5513				.2181	.2045	.1957	.0464	-.3313

X/LB .8560

Y/BW
-1.107
-1.085
-1.064
-1.043
-1.021
1.000

ALPHA( 1 ) = -8.070 BETA( 2 ) = -4.980

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-1.277															
-1.256															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
1.000															



ARC11-716 IAI4 CR+112+312MS+AT11 ORB ATTACH PTS (881130)

ALPHA (1) = -0.070 BETA (2) = -4.980

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/Z	Y/B	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
.107	.2181								.2844	.3555	.2033	.3115				.3788
.205									.2505	.3166	.1757	.4205				.4727
.064									.2163	.2437	.1261	.2378				.5007
.043	.4593	.5391	.5106	.5184	.3825	.6895			.1769	.1755	.1044	.0986				.4987
.021	.4947	.6918	.6503	.8573	.8687	.7285			.1589	.1587	.1285	.0358				.3978
.000	.3905	.4902	.0000	.0000	.0000											

X/Z = .8580

Y/B =

-.107	-.6009
-.065	-.4701
-.064	-.5260
-.043	-.7183
-.021	-.7193
.000	-.6473

ALPHA(1) = -0.060 BETA(3) = .030

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/Z	Y/B	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
.277	.3566								.1201	.1655	.2680	.4145				
.258	.4474								.1902	.2051	.2595	.4231				
.234	.4985								.3073	.2873	.1978	.4035				
.213	.6979	.6979	.3086	.4390					.0232	.0979	.3073	.4390				
.192	.5617	.9324	.8055	.7872					.1576	.1824	.0000	.1829	.2770	.0295	.1894	
.170	.6517	.9324	.8055	.7872					.2092	.2669	.1549	.2605				
.149	.5348	.6300	.6300	.6300					.2061	.2797	.2024	.0700				
.107	.3566	.0746	.5369	.7935					.1878	.2424	.0729	.6319				.6079
.085	.4474	.3598	.8810	.8775					.1541	.1977	.0176	.5595				.6060
.064	.4985	.6979	.6979	.6979					.1325	.1325	.0445	.4029				.5474
.043	.6979	.9324	.8055	.7872					.0763	.0763	.0361	.2609				.4877
.021	.5348	.6300	.6300	.6300					.0544	.0544	.0151	.1590				.4922
.000	.3566	.0746	.5369	.7935												

X/Z = .8580

Y/B =

-.107	-.5114
.085	-.4638
-.064	-.5137
-.043	-.8257

\*RC11-716 IA14 01\*712\*512\*25\*AT11 ORB ATTACH PTS

(R81130)

ALPHAC ( 1 ) = -0.080 BETAC ( 3 ) = .030

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

XZ:0 .0580

Y/B:0  
-1.021 -1.7516  
300 -1.6632

ALPHAC ( 1 ) = -0.070 BETAC ( 4 ) = 4.120

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

XZ:0 .0600 .0950 .1020 .1100 .1180 .1260 .1350 .1450 .1550 .1650 .1780 .1840 .1910 .1990 .2100 .2180 .2270 .2300

Y/B:0  
-1.277  
-1.258  
-1.234  
-1.213  
-1.192  
-1.172  
-1.149  
-1.107  
-1.085  
-1.064  
-1.043  
-1.021  
-1.000  
-0.978  
-0.950  
-0.923  
-0.896  
-0.870  
-0.844  
-0.818  
-0.792  
-0.766  
-0.740  
-0.714  
-0.688  
-0.662  
-0.636  
-0.610  
-0.584  
-0.558  
-0.532  
-0.506  
-0.480  
-0.454  
-0.428  
-0.402  
-0.376  
-0.350  
-0.324  
-0.298  
-0.272  
-0.246  
-0.220  
-0.194  
-0.168  
-0.142  
-0.116  
-0.090  
-0.064  
-0.038  
-0.012  
0.014  
0.040  
0.066  
0.092  
0.118  
0.144  
0.170  
0.196  
0.222  
0.248  
0.274  
0.300  
0.326  
0.352  
0.378  
0.404  
0.430  
0.456  
0.482  
0.508  
0.534  
0.560  
0.586  
0.612  
0.638  
0.664  
0.690  
0.716  
0.742  
0.768  
0.794  
0.820  
0.846  
0.872  
0.898  
0.924  
0.950  
0.976  
1.002  
1.028  
1.054  
1.080  
1.106  
1.132  
1.158  
1.184  
1.210  
1.236  
1.262  
1.288  
1.314  
1.340  
1.366  
1.392  
1.418  
1.444  
1.470  
1.496  
1.522  
1.548  
1.574  
1.600  
1.626  
1.652  
1.678  
1.704  
1.730  
1.756  
1.782  
1.808  
1.834  
1.860  
1.886  
1.912  
1.938  
1.964  
1.990  
2.016  
2.042  
2.068  
2.094  
2.120  
2.146  
2.172  
2.198  
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XZ:0 .0590

Y/B:0  
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-1.213  
-1.192  
-1.172  
-1.149  
-1.107  
-1.085  
-1.064  
-1.043  
-1.021  
-1.000  
-0.978  
-0.950  
-0.923  
-0.896  
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-0.714  
-0.688  
-0.662  
-0.636  
-0.610  
-0.584  
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-0.532  
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-0.142  
-0.116  
-0.090  
-0.064  
-0.038  
-0.012  
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DATE ON JAN 73 TABULATED PRESSURE DATA - IAL14 - VOL. 10

ARC11-716 IAL14 01\*118\*512MS\*AT11 ORB ATTACH PTS (RB1138)

ALPHA: 1) = -6.100 BETAD ( 1) = 6.160

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	.2323	.1841	.0682	-.1406	
-.256	-.256	-.256	-.256	-.256	-.256	-.256	-.256	-.256	-.256	-.256	.1648	.1374	.0379	-.2372	
-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	.0414	-.0500	.1073	-.1786	
-.813	-.813	-.813	-.813	-.813	-.813	-.813	-.813	-.813	-.813	-.813	.6326	.2735	.3762	-.0070	-.0939
-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	.0000	.2735	.1933	-.2000	
-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	.2907	.2753	.1933	-.2000	
-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.107	.2190	.3183	.3360	.0239	-.4476
-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	.1708	.2370	.0774	-.6929	-.8231
-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	.1512	.1909	-.0012	-.6895	-.7970
-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	.0918	.0949	-.1603	-.7000	-.5898
-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	.0267	-.0315	-.2810	-.2040	-.2388
-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.0206	-.0260	-.0849	-.1675	-.3458

X/LB .6360

V/BW	-.107	-.6168	-.085	-.5898	-.064	-.4278	-.043	-.5316	-.321	-.3278	-.000	-.4941
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ALPHA: 2) = -4.000 BETAD ( 1) = -6.040

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
V/BW	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.2713	-.4087	-.4215	-.4155	
-.856	-.856	-.856	-.856	-.856	-.856	-.856	-.856	-.856	-.856	-.856	-.1459	-.4672	-.4328	-.2735	-.4128
-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.234	.1324	-.1167	-.4338	-.3212	-.5089
-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.213	.3960	.3769	.9359	.1340	-.0103
-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.192	.4140	.0000	.4570	.3778	-.1502
-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.170	.4473	.4473	.5078	.4150	.2115
-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.149	.3629	.4248	.2729	-.4152	-.3801
-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.085	.2558	.3892	.2562	-.3150	-.4839
-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.064	.2853	.3159	.2193	-.1318	-.4332
-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.043	.2433	.2431	.1942	.0010	-.3810
-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	-.321	.0251	.2285	.1925	.0414	-.2949
-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003	-.003					

ARC11-716 IA14 31+T12+512M25+AT11 ORB ATTACH PTS

ALPHA ( 1 ) = -4.080 BETA ( 1 ) = -1.040

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B
.0500	
.107	-.5944
.126	-.4126
.145	-.2664
.164	-.1466
.183	-.0508
.202	-.021
.221	-.003
.240	-.003

ALPHA ( 2 ) = -4.090 BETA ( 2 ) = -4.080

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B	.0875	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.259														
.277	-.277													
.296	-.296													
.314	-.314													
.333	-.333													
.351	-.351													
.370	-.370													
.388	-.388													
.407	-.407													
.425	-.425													
.444	-.444													
.462	-.462													
.481	-.481													
.500	-.500													
.518	-.518													
.537	-.537													
.555	-.555													
.574	-.574													
.592	-.592													
.611	-.611													
.629	-.629													
.648	-.648													
.666	-.666													
.685	-.685													
.703	-.703													
.722	-.722													
.740	-.740													
.759	-.759													
.777	-.777													
.796	-.796													
.814	-.814													
.833	-.833													
.851	-.851													
.870	-.870													
.888	-.888													
.907	-.907													
.925	-.925													
.944	-.944													
.962	-.962													
.981	-.981													
.999	-.999													

X/L Y/B

X/L	Y/B
.007	-.5715
.026	-.4398
.044	-.3053
.063	-.1891
.082	-.0860
.100	-.0226



DATE 24 JAN 72 TABULATED PRESSURE DATA - IAS14 - VOL. 10

ARC11-716 IAS14 OI+TIE-SIENES+A111 ORG ATTACH PTS (R81138)

ALPHAD ( 2 ) = -4.080		BETA0 ( 3 ) = .045		DEPENDENT VARIABLE CP											
X/LB	.0870	.0890	.1080	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA	-.877	-.856	-.834	-.813	-.792	-.770	-.748	-.726	-.704	-.682	-.660	-.638	-.616	-.594	-.572
Y/BA	-.107	-.085	-.064	-.043	-.021	-.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Y/BA	-.1107	-.4681	-.4420	-.4267	-.4114	-.3961	-.3808	-.3655	-.3502	-.3349	-.3196	-.3043	-.2890	-.2737	-.2584
Y/BA	-.277	-.255	-.234	-.213	-.192	-.170	-.148	-.127	-.105	-.084	-.062	-.041	-.020	.001	.023
Y/BA	-.877	-.856	-.834	-.813	-.792	-.770	-.748	-.726	-.704	-.682	-.660	-.638	-.616	-.594	-.572
Y/BA	-.107	-.085	-.064	-.043	-.021	-.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
Y/BA	-.1107	-.4681	-.4420	-.4267	-.4114	-.3961	-.3808	-.3655	-.3502	-.3349	-.3196	-.3043	-.2890	-.2737	-.2584
Y/BA	-.277	-.255	-.234	-.213	-.192	-.170	-.148	-.127	-.105	-.084	-.062	-.041	-.020	.001	.023
Y/BA	-.877	-.856	-.834	-.813	-.792	-.770	-.748	-.726	-.704	-.682	-.660	-.638	-.616	-.594	-.572



DATE 08 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 DI+T12-S1E25+AT11 ORB ATTACH PTS (R01130)

ALPHA ( 3 ) = -.310 BETA ( 1 ) = -0.040

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.298	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.3457	.6580
			.3403	.4495	.4367	.6120	.1732	-.1111	-.4090	-.3623	-.3767	-.3935	-.4014	-.4904	
			.4918	.5254	.5599	.5910	.6254	.6589	.6920	.7254	.7589	.7920	.8254	.8589	
			.8589	.8920	.9254	.9589	.9920	1.0254	1.0589	1.0920	1.1254	1.1589	1.1920	1.2254	
			1.2589	1.2920	1.3254	1.3589	1.3920	1.4254	1.4589	1.4920	1.5254	1.5589	1.5920	1.6254	
			1.6589	1.6920	1.7254	1.7589	1.7920	1.8254	1.8589	1.8920	1.9254	1.9589	1.9920	2.0254	
			2.0589	2.0920	2.1254	2.1589	2.1920	2.2254	2.2589	2.2920	2.3254	2.3589	2.3920	2.4254	
			2.4589	2.4920	2.5254	2.5589	2.5920	2.6254	2.6589	2.6920	2.7254	2.7589	2.7920	2.8254	
			2.8589	2.8920	2.9254	2.9589	2.9920	3.0254	3.0589	3.0920	3.1254	3.1589	3.1920	3.2254	
			3.2589	3.2920	3.3254	3.3589	3.3920	3.4254	3.4589	3.4920	3.5254	3.5589	3.5920	3.6254	
			3.6589	3.6920	3.7254	3.7589	3.7920	3.8254	3.8589	3.8920	3.9254	3.9589	3.9920	4.0254	
			4.0589	4.0920	4.1254	4.1589	4.1920	4.2254	4.2589	4.2920	4.3254	4.3589	4.3920	4.4254	
			4.4589	4.4920	4.5254	4.5589	4.5920	4.6254	4.6589	4.6920	4.7254	4.7589	4.7920	4.8254	
			4.8589	4.8920	4.9254	4.9589	4.9920	5.0254	5.0589	5.0920	5.1254	5.1589	5.1920	5.2254	
			5.2589	5.2920	5.3254	5.3589	5.3920	5.4254	5.4589	5.4920	5.5254	5.5589	5.5920	5.6254	
			5.6589	5.6920	5.7254	5.7589	5.7920	5.8254	5.8589	5.8920	5.9254	5.9589	5.9920	6.0254	
			6.0589	6.0920	6.1254	6.1589	6.1920	6.2254	6.2589	6.2920	6.3254	6.3589	6.3920	6.4254	
			6.4589	6.4920	6.5254	6.5589	6.5920	6.6254	6.6589	6.6920	6.7254	6.7589	6.7920	6.8254	
			6.8589	6.8920	6.9254	6.9589	6.9920	7.0254	7.0589	7.0920	7.1254	7.1589	7.1920	7.2254	
			7.2589	7.2920	7.3254	7.3589	7.3920	7.4254	7.4589	7.4920	7.5254	7.5589	7.5920	7.6254	
			7.6589	7.6920	7.7254	7.7589	7.7920	7.8254	7.8589	7.8920	7.9254	7.9589	7.9920	8.0254	
			8.0589	8.0920	8.1254	8.1589	8.1920	8.2254	8.2589	8.2920	8.3254	8.3589	8.3920	8.4254	
			8.4589	8.4920	8.5254	8.5589	8.5920	8.6254	8.6589	8.6920	8.7254	8.7589	8.7920	8.8254	
			8.8589	8.8920	8.9254	8.9589	8.9920	9.0254	9.0589	9.0920	9.1254	9.1589	9.1920	9.2254	
			9.2589	9.2920	9.3254	9.3589	9.3920	9.4254	9.4589	9.4920	9.5254	9.5589	9.5920	9.6254	
			9.6589	9.6920	9.7254	9.7589	9.7920	9.8254	9.8589	9.8920	9.9254	9.9589	9.9920	10.0254	

ALPHA ( 3 ) = -.320 BETA ( 2 ) = -4.010

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.298	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.3457	.6580
			.3403	.4495	.4367	.6120	.1732	-.1111	-.4090	-.3623	-.3767	-.3935	-.4014	-.4904	
			.4918	.5254	.5599	.5910	.6254	.6589	.6920	.7254	.7589	.7920	.8254	.8589	
			.8589	.8920	.9254	.9589	.9920	1.0254	1.0589	1.0920	1.1254	1.1589	1.1920	1.2254	
			1.2589	1.2920	1.3254	1.3589	1.3920	1.4254	1.4589	1.4920	1.5254	1.5589	1.5920	1.6254	
			1.6589	1.6920	1.7254	1.7589	1.7920	1.8254	1.8589	1.8920	1.9254	1.9589	1.9920	2.0254	
			2.0589	2.0920	2.1254	2.1589	2.1920	2.2254	2.2589	2.2920	2.3254	2.3589	2.3920	2.4254	
			2.4589	2.4920	2.5254	2.5589	2.5920	2.6254	2.6589	2.6920	2.7254	2.7589	2.7920	2.8254	
			2.8589	2.8920	2.9254	2.9589	2.9920	3.0254	3.0589	3.0920	3.1254	3.1589	3.1920	3.2254	
			3.2589	3.2920	3.3254	3.3589	3.3920	3.4254	3.4589	3.4920	3.5254	3.5589	3.5920	3.6254	
			3.6589	3.6920	3.7254	3.7589	3.7920	3.8254	3.8589	3.8920	3.9254	3.9589	3.9920	4.0254	
			4.0589	4.0920	4.1254	4.1589	4.1920	4.2254	4.2589	4.2920	4.3254	4.3589	4.3920	4.4254	
			4.4589	4.4920	4.5254	4.5589	4.5920	4.6254	4.6589	4.6920	4.7254	4.7589	4.7920	4.8254	
			4.8589	4.8920	4.9254	4.9589	4.9920	5.0254	5.0589	5.0920	5.1254	5.1589	5.1920	5.2254	
			5.2589	5.2920	5.3254	5.3589	5.3920	5.4254	5.4589	5.4920	5.5254	5.5589	5.5920	5.6254	
			5.6589	5.6920	5.7254	5.7589	5.7920	5.8254	5.8589	5.8920	5.9254	5.9589	5.9920	6.0254	
			6.0589	6.0920	6.1254	6.1589	6.1920	6.2254	6.2589	6.2920	6.3254	6.3589	6.3920	6.4254	
			6.4589	6.4920	6.5254	6.5589	6.5920	6.6254	6.6589	6.6920	6.7254	6.7589	6.7920	6.8254	
			6.8589	6.8920	6.9254	6.9589	6.9920	7.0254	7.0589	7.0920	7.1254	7.1589	7.1920	7.2254	
			7.2589	7.2920	7.3254	7.3589	7.3920	7.4254	7.4589	7.4920	7.5254	7.5589	7.5920	7.6254	
			7.6589	7.6920	7.7254	7.7589	7.7920	7.8254	7.8589	7.8920	7.9254	7.9589	7.9920	8.0254	
			8.0589	8.0920	8.1254	8.1589	8.1920	8.2254	8.2589	8.2920	8.3254	8.3589	8.3920	8.4254	
			8.4589	8.4920	8.5254	8.5589	8.5920	8.6254	8.6589	8.6920	8.7254	8.7589	8.7920	8.8254	
			8.8589	8.8920	8.9254	8.9589	8.9920	9.0254	9.0589	9.0920	9.1254	9.1589	9.1920	9.2254	
			9.2589	9.2920	9.3254	9.3589	9.3920	9.4254	9.4589	9.4920	9.5254	9.5589	9.5920	9.6254	
			9.6589	9.6920	9.7254	9.7589	9.7920	9.8254	9.8589	9.8920	9.9254	9.9589	9.9920	10.0254	

ARC11-716 1A14 01+T12+S1EN25+T11 ORB ATTACH PTS

(RBI:38)

ALPHA( 3 ) = -.380 BETA( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW
.0500	-.107
.0500	-.5647
.0500	-.085
.0500	-.4463
.0500	-.064
.0500	-.8048
.0500	-.043
.0500	-.6615
.0500	-.021
.0500	-.6821
.0500	-.6011

ALPHA( 3 ) = -.330 BETA( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0070	.0950	.1050	.1100	.1100	.1260	.1330	.7000	.8040	.8110	.8190	.8270	.8350	.8500
.000	-.277										.0129	-.0402	-.1576	-.5234	
.000	-.256								.0786		-.0271	-.0515	-.1742	-.3849	
.000	-.234						.2014		.1687		-.1523	-.1105	-.1352	-.3786	
.000	-.213					.2014	.2327		.2920		.3517				
.000	-.192					.1951	.0000		.0000		.1647	.2296	-.0983	-.2219	
.000	-.170						.1707		.1762		.2099	.0664	-.2398		
.000	-.149						.1665		.2120		.1000	-.0892			-.5582
.000	-.107										.1503	.1846	.0023	-.6415	-.5386
.000	-.085										.1305	.1451	-.0416	-.5725	-.5809
.000	-.064					.3082	-.0979	-.5574	-.8003		.1042	.0834	-.0581	-.4198	-.5332
.000	-.043			.4062	.5344	.4237	-.3715	-.8891	-.8741		.0758	.0337	-.0870	-.2985	-.4754
.000	-.021		.4455	.6534	.6426	-.9407	-.8257	-.8255			.0368	-.0117	-.0433	-.2198	-.4733
.000	.000	.4707	.0000	.0000	.0000										

X/LB	Y/BW
.0500	-.107
.0500	-.4812
.0500	-.085
.0500	-.4382
.0500	-.064
.0500	-.4895
.0500	-.043
.0500	-.6003
.0500	-.021
.0500	-.7034
.0500	-.6735



ARC11-716 IA14 OI+T12+S1E25+AT11 ORB ATTACH PTS

(RB1158)

ALPHA( 3 ) = -.380 BETA( 4 ) = 4.09C

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.133C	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.2401	.1838	.0657	-.1482	
	-.256							.4267			.1837	.1486	.0378	-.2489	
	-.234							.6017			.0533	-.0205	.1334	-.1847	
	-.213			.5037				.6912			.6419				
	-.192			.4274				.6000			.2877	.3836	.0432	-.0553	
	-.170							.3389			.3302	.3559	.2664	-.1666	
	-.149										.3063	.3848	.3292	.0190	
	-.107														
	-.085										.2864	.2853	.0775	-.6970	-.5983
	-.054			.3927	-.0412	-.4179	-.6884				.1922	.2063	-.0102	-.6946	-.7287
	-.043		.3908	.5285	-.2199	-.7774	-.8745				.1355	.1107	-.1553	-.5964	-.4321
	-.021		.4186	.6622	.9587	-.8999	-.7710				.0728	.0141	-.1941	-.3400	-.2513
	.000		.2775	.4328	.0000	.0000	-.7697				.0365	-.0175	-.0912	-.2864	-.3292
X/LB	.6390														

ALPHA( 3 ) = -.330 BETA( 5 ) = 8.130

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.3518	.2961	.1656	-.0674	
	-.256							.5321			.3116	.2904	.1473	-.1745	
	-.234							.7491			.2234	.1274	.2167	-.1445	
	-.213			.5698				.6916			.6249				
	-.192			.6367				.7434			.6249				
	-.170			.4670				.0000			.3423	.4511	.0140	-.0471	
	-.149			.3654				.3484			.3484	.3195	.1965	-.1802	
	-.107			.2813							.2813	.3449	.3519	.1717	
	-.085														
	-.064			.4159	.1315	-.3059	-.5941				.2031	.2750	.0733	-.6672	-.8134
	-.043		.3581	.5348	-.5750	-.0948	-.6698	-.7275			.1831	.2093	-.0012	-.6860	-.7487
	-.021		.3683	.8230	1.0200	-.7973	-.8120	-.6530			.1276	.1114	-.1577	-.7020	-.5923
	.000		.3974	.0000	.0000	.0000	-.7523				.0653	-.0147	-.2845	-.6209	-.3167
X/LB	.6390										.0134	-.0742	-.2094	-.2808	-.2241

ARC11-716 IA14 01+T18+918N25+AT11 CRB ATTACH PTS (RB1130)

ALPHA( 3 ) = -.330 BETA( 3 ) = 6.130

SECTION ( 3 ) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0800	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-1.107	-.6073															
-.085	-.5718															
-.084	-.4033															
-.043	-.4932															
-.021	-.4320															
.000	-.5631															

ALPHA( 4 ) = 4.020 BETA( 4 ) = -8.050

SECTION ( 3 ) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-1.277																
-.236																
-.234																
-.213									.3761	.6326	.9928					
-.192									.4808	.0000	.5208					
-.149									.5078	.5488	.5744					
-.107									.4923	.5519	.4521					
-.075									.3999	.4597	.2949					
-.064									.3618	.4186	.2818					
-.045									.3206	.3524	.2515					
-.021									.2775	.2739	.2284					
.000									.2527	.2304	.2082					

X/LB .0580

X/LB	Y/BW	.0580	.0580
-1.107	-.5559		
-.085	-.3789		
-.084	-.4526		
-.043	-.6392		
-.021	-.6147		
.000	-.5005		



TABLURATED PRESSURE DATA - IAI14 - VOL 10

ARC11-716 IAI14 Q1+T12+SIEN23+AT11 CRB ATTACH PTS (R81130)

ALPHAC( 4) = 4.020 BETAO( 2) = -4.020

SECTION ( 1) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.836	-.834	-.813	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	-.000	.3037	.6580
				.2759	.3782	.3766	.4015								

ALPHAC( 4) = 4.020 BETAO( 3) = .030

SECTION ( 1) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.836	-.834	-.813	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	-.000	.3037	.6580

ARC11-716 IA14 01+112+SIENES+AT11 ORB ATTACH PTS (RB1136)

ALPHA( 4 ) = 4.020 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0560  
 Y/BW  
 -.107 -.4798  
 -.088 -.4381  
 -.064 -.4029  
 -.043 -.3621  
 -.021 -.3182  
 .000 -.2645

ALPHA( 4 ) = 4.010 BETA( 4 ) = 4.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	.2764	.2223	.1932	.1616	.1222	.0296	.0716	-.1095
								.4563	.6186	.6684	.6860	.6089	.2598	.3762	-.10637
								.3366	.4288	.5796	.0000	.3288	.3386	.2424	-.1652
								.3145	.3829	.3312	.0349				-.5988
								.2449	.3019	.0935	-.6852				-.7432
								.2090	.2277	.0204	-.6792				-.8228
								.1532	.1322	-.1265	-.6175				-.4595
								.0990	.0331	-.1689	-.3517				-.2603
								.0634	-.0042	-.0883	-.2977				-.2735

X/LB .0580

Y/BW  
 -.107 -.5277  
 -.085 -.4914  
 -.064 -.4518  
 -.043 -.4174  
 -.021 -.3803  
 .000 -.3423



(RB1130)

ARC11-716 IA14 01+T12+312N25+AT15 ORB ATTACH PTS

ALPHA( 4 ) = 4.000 BETA( 5 ) = 8.160

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1160	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277										.365	.3331	.1948	-.0388	
	-.256								.5618		.3561	.3325	.1779	-.1437	
	-.234							.7145			.2794	.1839	.2439	-.1255	
	-.213			.3905				.6495	.7327		.6252				
	-.192							.4825		.0900	.3641	.4877	.0332	-.0183	
	-.170								.3800		.3694	.3391	.2343	-.1832	
	-.148										.3065	.3603	.3737	.2048	
	-.107														-.8324
	-.085									.2170	.2841	.0775	-.6501	-.7291	
	-.064		.3777	.1095	-.3222	-.6103				.2068	.2212	.0069	-.6804	-.8550	
	-.043	.8680	.4865	-.5982	-.6740	-.8489				.1498	.1241	-.1462	-.6933	-.5120	
	-.021	-.2998	.5858	1.0050	-.8306	-.8481	-.7856			.0801	.0020	-.2793	-.5896	-.2747	
	.000	.1312	.3528	.0000	.0000	-.6273				.0338	-.0586	-.1989	-.1980	-.1714	

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 5 ) = 7.930 BETA( 1 ) = -8.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.255														
	-.234														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.043		.3777	.4536	.1781	-.6381	-1.0320	-.8218							
	-.021	.4283	.6350	.5227	-1.0100	-.8689	-.7936								
	.000	.8966	.4220	.0000	.0000	.0000	-.7426								

ARC11-716 IAL14 01+712+312N23+AT11 ORB ATTACH PTS

(R81139)

ALPHA( 1 ) = 7.930 BETA( 1 ) = -8.010

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/DB	
-.107	-.5495
-.085	-.3940
-.064	-.4526
-.043	-.6326
-.021	-.6252
.000	-.4994

ALPHA( 2 ) = 7.930 BETA( 2 ) = -3.990

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/DB														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .0500

Y/DB	
-.107	-.5437
-.085	-.4898
-.064	-.4845
-.043	-.6110
-.021	-.6345
.000	-.5455



DATE 26 JAN 73 TABULATED PRESSURE DATA - 1A14A - VOL. 1D

(R01130)

ARC11-716 1A14 Q1+112+SIENES+AT11 ORB ATTACH PTS

ALPHA ( 3 ) = 7.930 BETA ( 3 ) = .040

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB														
								.2476	.3201	.3160	.2219	-.1260	-.2308	-.9270
								.2675	.2524	-.0694	-.0370	-.0650	-.3487	
								.1505	.0272	-.0046	-.1282	-.3534		
								.1609	.1828	.2017	.0756	-.2503		
								.1920	.1706	.2038	.0753	-.1288		
								.1471	.1590	-.0367	-.6187	-.4988		
								.1286	.1268	-.0588	-.5534	-.5383		
								.1050	.0747	-.1100	-.4020	-.4998		
								.0814	.0325	-.0894	-.2868	-.4322		
								.0757	.0181	-.0442	-.2273	-.4286		

X/LB .8380

Y/LB

-.107 -4776

-.085 -4345

-.084 -4794

-.043 -5822

-.021 -6713

.000 -6483

ALPHA ( 3 ) = 7.930 BETA ( 4 ) = 4.110

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB														
								.5045	.6700	.5829	.3722	.0225	-.0668	-.9875
								.6184	.6747	.1647	.0538	.1694	-.1760	
								.4679	.2430	.2101	.0796	-.2099		
								.3256	.3175	.3189	.2185	-.1777		
								.3037	.3037	.3665	.3190	.0633		
								.2287	.2757	.0683	-.6870	-.7081		
								.1971	.2089	-.0084	-.6854	-.9977		
								.1443	.1443	.1134	-.1486	-.6026	-.4342	
								.0694	.0257	-.1194	-.3498	-.2873		
								.0562	-.0172	-.0349	-.2438	-.2802		

X/LB .8180

ORIGINAL PAGE IS OF POOR QUALITY

(R01150)

ARC11-716 1A14 0L+T112+912N25+AT11 ORB ATTACHPTS

ALPHA (  $\theta$  ) = 7.930 BETA (  $\phi$  ) = 4.110

SECTION ( 1 ) ORB . ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB
.6980	
	-.107
	-.3844
	-.065
	-.4804
	-.064
	-.3973
	-.043
	-.4309
	-.021
	-.4763
	.000
	-.3714

ALPHA (  $\theta$  ) = 7.910 BETA (  $\phi$  ) = 8.200

SECTION ( 1 ) ORB . ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0875	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	-.277											.3497	.2964	.1810	-.0333	
	-.256								.5372			.3145	.2857	.1593	-.1484	
	-.234								.8774	.7404		.2730	.1331	.8217	-.1374	
	-.213							.3508	.6042	.7075		.9763				
	-.192								.4292	.0000		.3195	.4196	.0222	-.0383	
	-.170									.3336		.3382	.3040	.2093	-.1876	
	-.149											.2860	.3424	.3326	.1709	
	-.107											.2155	.2795	.0711	-.6519	-.8708
	-.085											.1962	.2137	-.0003	-.6717	-.3823
	-.064											.1380	.1217	-.1503	-.6354	-.4390
	-.043											.0796	.0112	-.2320	-.4661	-.2272
	-.021											.0412	-.0341	-.1464	-.1937	-.1729
	.000															

X/LB	Y/LB
.6980	
	-.107
	-.3087
	-.065
	-.4732
	-.064
	-.3673
	-.043
	-.3883
	-.021
	-.3394
	.000
	-.4640



ARC11-716 IA14 OL-T18-S18NS\*AT11 ORB ATTACH PTS

(RB1139) ( 15 FEB 74 )

REFERENCE DATA

BRPF = 2.4810 98.FT. XMRP = 29.5800 INCHES  
 LRPF = 36.7090 INCHES YMRP = .0000 INCHES  
 BRPF = 36.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .03000 SCALE

ALPHA( 1 ) = -0.110 BETA( 1 ) = -0.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877														
	-.856														
	-.834														
	-.813														
	-.192														
	-.170														
	-.148														
	-.107														
	-.065														
	-.064														
	-.043														
	-.021														
	.000														
	-.727														
	.000														
X/LB															
	-.877														
	-.856														
	-.834														
	-.813														
	-.192														
	-.170														
	-.148														
	-.107														
	-.065														
	-.064														
	-.043														
	-.021														
	.000														
	-.727														
	.000														
X/LB															
	-.877														
	-.856														
	-.834														
	-.813														
	-.192														
	-.170														
	-.148														
	-.107														
	-.065														
	-.064														
	-.043														
	-.021														
	.000														
	-.727														
	.000														

PARAMETRIC DATA

MACH = 1.150 ELEVON = .000  
 RUDDER = .000 S-DBRK = .000

ALPHA( 1 ) = -0.100 BETA( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877														
	-.856														
	-.834														
	-.813														
	-.192														
	-.170														
	-.148														
	-.107														
	-.065														
	-.064														
	-.043														
	-.021														
	.000														
	-.727														
	.000														
X/LB															
	-.877														
	-.856														
	-.834														
	-.813														
	-.192														
	-.170														
	-.148														
	-.107														
	-.065														
	-.064														
	-.043														
	-.021														
	.000														
	-.727														
	.000														



ARC11-716 1414 G1-T12-SIENES+AT11 ORB ATTACH PTS

ALPHA ( 1 ) = -0.100    BETA ( 2 ) = -4.000

SECTION ( 1 ) ORB ATTACH POINTS    DEPENDENT VARIABLE CP

X/Z	Y/Z	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-1.07	-0.083											.3387	.4106	.4843	-.3858	-.3976
-0.84	-0.043				.3552	-.0617	-.4831	-.7060				.3144	.3741	.4245	-.3068	-.4506
-0.81	-0.021	.5580	.6401	.4423	-.3287	-.7697	-.7028					.2781	.3116	.2028	-.1433	-.3616
.000	.4782	.5822	.7766	.7774	-.7612	-.6670	-.6131					.2439	.2451	.1840	-.0144	-.3175
		.0000	.0000	.0000	.0000	.0000	-.5923					.2237	.2110	.1563	.0477	-.2750

X/Z    Y/Z    .8580

Y/Z	X/Z
-1.07	-.5135
-0.85	-.3490
-0.64	-.3682
-0.43	-.5573
-.21	-.5681
.000	-.4941

ALPHA ( 1 ) = -5.090    BETA ( 3 ) = .070

SECTION ( 1 ) ORB ATTACH POINTS    DEPENDENT VARIABLE CP

X/Z	Y/Z	.0670	.0930	.1020	.1170	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-1.07	-0.277											-.0564	-.1003	-.2018	-.3491	
-0.85	-0.236								.0397	.1619	-.2400	-.2257	-.1587	-.3464		
-0.64	-0.234								.2129	.2771	.3583	.4668				
-0.43	-0.213								.8176	.2454	.0000	.2515	.3419	.0670	-.0860	
-0.21	-0.192									.2455	.2024	.2024	.3361	.2416	-.1775	
.000	-0.170										.2700	.3471	.2796	.0117		
-1.07	-0.085											.2725	.3093	.1816	-.4892	
-0.84	-0.04				.4427	.0533	-.3787	-.6843				.2320	.2046	.1890	-.4232	
-0.64	-0.03	.5594	.6649	.5486	-.8104	-.7018	-.7006					.2236	.2306	.0703	-.2773	
-0.43	-0.021	.5900	.7793	.9372	-.7419	-.6321	-.6226					.1326	.1746	.0755	-.1427	
.000	.4785	.6095	.0000	.0000	.0000	.0000	-.5878					.1766	.1536	.1246	-.0409	

X/Z    Y/Z    .8500

Y/Z	X/Z
-1.07	-.4815
-0.85	-.3877
-0.64	-.3880
-0.43	-.5120



ARC11-716 IA14 D1\*712\*SIGN23\*AT11 DRB ATTACH PTS

(R01139)

ALPHA ( 3 ) = -0.000 BETA ( 3 ) = .030

SECTION ( 3 ) DRB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .0300

V/Ω	
-.081	-.0014
.000	-.0353

ALPHA ( 4 ) = -0.100 BETA ( 4 ) = 4.000

SECTION ( 3 ) DRB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .0070 .0050 .1080 .1100 .1180 .1260 .1330 .1685 .1760 .8340 .8110 .8190 .8270 .8350 .8500

V/Ω														
-.877														
-.296														
-.234														
-.213														
-.182														
-.170														
-.149														
-.137														
-.105														
-.064														
-.043														
-.021														
.000	.4350	.5713	.0000	.0000	.0000	.0000	.4776	.5669	.6163	.3721	.1745	.1321	.0216	-.1469
								.4270	.0000	.0000	.5061	.3600	.1272	.0317
									.3370	.3308	.3017	.3588	.3376	-.1113
										.2875	.3673	.3545	.0903	
											.1992	.2404	.0526	-.5594
											.1627	.1725	-.0123	-.5703
											.1380	.0913	-.1105	-.4965
											.0582	.0151	-.1303	-.3101
											.0376	-.0108	-.0569	-.2217
														-.3995

R/LB .0300

V/Ω	
-.107	-.0332
-.085	-.0560
-.064	-.0661
-.043	-.0925
-.021	-.0709
.000	-.0131

ORIGINAL PAGE IS  
OF POOR QUALITY

(R01139)

ARC11-716 IAL4 01+T12+SIENES+D11 ORG ATTACH PTS

ALPHA( 1 ) = -0.130 BETA( 5 ) = 0.160

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277											.2928	.2568	.1544	-.0257	
-0.256										.5007	.2212	.2051	.1230	-.1266	
-0.234								.8705	.7440		.1321	.0281	.2076	-.0499	
-0.213											.6828				
-0.192								.5486	.6418	.7736					
-0.170								.4711	.4711	.0900	.3294	.4207	.0953	.0015	
-0.149										.3759	.3523	.3313	.2682	-.1083	
-0.107											.2851	.3702	.4156	.1016	
-0.065															-.6480
-0.064											.2223	.3068	.1578	-.5405	-.7318
-0.043											.2056	.2412	.0829	-.5430	-.6840
-0.021											.1493	.1484	-.0722	-.5655	-.5883
-0.000											.0845	.0284	-.2067	-.5607	-.3451
											.0301	-.0340	-.1348	-.3360	-.2377

X/LB .8560

Y/BW
-.107
-.095
-.064
-.043
-.021
.000

ALPHA( 2 ) = -4.100 BETA( 1 ) = -0.030

SECTION ( 2) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.277															
-0.256															
-0.234															
-0.213															
-0.192															
-0.170															
-0.149															
-0.107															
-0.065															
-0.064															
-0.043															
-0.021															
-0.000															

X/LB .8580



DATE 05 JAN 70 TABULATED PRESSURE DATA - IA14A - VOL. 10  
ARC(1)-716 IA14 ORB(1)+S12N5+AT11 ORB ATTACH PTS (RB1139)

ALPHA( 2 ) = -4.100 BETA( 1 ) = -8.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW
.8380	
	-107
	-4843
	-256
	-2913
	-234
	-3674
	-235
	-192
	-173
	-149
	-107
	-1085
	-1084
	-1043
	-1021
	-5392
	-5125
	.000
	-4364

ALPHA( 2 ) = -4.110 BETA( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	ORB. ATTACH POINTS	DEPENDENT VARIABLE CP										
.0870	.0950	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	-277												
	-236												
	-234												
	-235												
	-192												
	-173												
	-149												
	-107												
	-1085												
	-1084												
	-1043												
	-1021												
	.000												
	.4543												
	.0580												
	-1107												
	-4889												
	-3336												
	-3692												
	-3380												
	-5516												
	-4752												

ORIGINAL PAGE IS  
OF BETTER QUALITY

ARC11-716 IAI4 01+T12+12N23+AT11 ORB ATTACH PTE (R31133)

ALPHA( 2 ) = -4.110 BETA( 3 ) = .340

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7966	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.4292	.8580
								.2237	.2751	.3366	.4099	.3080	.0313	-.1102	-.4833
								.0783	.1756	-.1667	-.1503	-.3287	-.3205		
			.8207	.2424	.0000	.2542	.2948	.1980	-.1671	.2541	.3115	.2266	.0048		
								.2568	.3103	.1593	-.4946	-.5117			
								.4332	.0316	-.3836	-.6241				
								.3287	.6491	.3408	-.2086	-.6992	-.7088		
								.5669	.7606	.9339	-.7542	-.6362	-.6414		
								.0000	.0000	.0000	.0000	-.6012			

X/LB .8580

Y/BW

-.107	-.4504
-.085	-.3734
-.064	-.3807
-.043	-.4869
-.021	-.3705
.000	-.5224

ALPHA( 2 ) = -4.110 BETA( 4 ) = 4.170

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.4292	.8580
								.6189	.6059	.7397	.7487	.4473	.1843	-.1546	-.1762
								.2430	.2012	.0947	-.0819				
								.0846	-.0299	.1666	-.1013				
			.5221	.4600	.0000	.3695	.3222	.4226	.1485	.0490					
								.3602	.4045	.3517	-.0873				
								.3329	.4127	.3959	.0873				
								.2373	.2828	.0798	-.5598	-.6702			
								.2007	.2093	.0038	-.5726	-.3779			
								.1396	-.1186	-.1101	-.5289	-.4301			
								.0849	-.0362	-.1425	-.3011	-.2273			
								.0346	.0060	-.0514	-.2378	-.3193			

X/LB .8580



ARC11-716 IA14 OI+T12+SIENE3+AT11 ORB ATTACH PTS

(R81139)

ALPHAC( 2 ) = -4.110 BETA0 ( 4 ) = 4.170

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

ALPHAC( 2 ) = -4.130 BETA0 ( 9 ) = 6.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.277  
 -.236  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

.3597 .3164 .2119 .0143  
 .3025 .2888 .1878 -.0865  
 .2098 .1189 .2315 -.0440  
 .6882  
 .5913 .7069 .7762 .5469 .3597 .3164 .2119 .0143  
 .6682 .7879 .6882 .2098 .1189 .2315 -.0440  
 .5091 .0000 .4024 .3679 .4588 .1094 .0315  
 .3880 .3603 .2752 -.0799 .3149 .3917 .4290 .1717  
 .2476 .3205 .1562 -.5191 -.7131  
 .2327 .2612 .0843 -.5319 -.6709  
 .1730 .1686 -.0602 -.5525 -.5688  
 .1047 .0484 -.1994 -.5703 -.3868  
 .0342 -.0208 -.1579 -.2870 -.1503

X/LB .6500

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

ARC11-716 IAI4 OI\*TI2+SI2NS\*AT11 OMB ATTACH PTS (RB1139)

ALPHA( 3 ) = -.330 BETA( 1 ) = -4.020

SECTION ( 1 ) OMB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW								.3062							
									.1975	-.0506	-.1680	-.2679	-.3527	-.4152	
								.4023		-.0777	-.3554	-.5913	-.8529	-.9358	
								.4105			-.4900	-.8362	-.1963	-.3796	
										.5131	.8545	.5236	.1768	.0393	
										.0000	.4576	.5126	.3941	-.0975	
										.4407	.4867	.4976	.4122	.1992	
											.4393	.4976	.4122	.1992	
											.3787	.4403	.3036	-.3617	-.3428
											.3457	.4039	.2747	-.2602	-.4093
											.3051	.3349	.2231	-.1251	-.3301
											.2659	.2609	.8027	-.0050	-.2695
											.2430	.2242	.1996	.0360	-.2009

X/LB .8560

Y/BW

-.107	-.4930
-.085	-.3313
-.064	-.3562
-.043	-.5234
-.021	-.5417
.000	-.4595

ALPHA( 3 ) = -.330 BETA( 2 ) = .040

SECTION ( 1 ) OMB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW								.2551							
									.2509	.1249	.0628	.0128	-.0927	-.2398	
									.2908	-.2089	.0115	-.0118	-.1123	-.3032	
									.2621	.3501	-.1072	-.0732	-.0767	-.2977	
									.2433	.0000	.4098	.3109	.0232	-.1107	
										.2433	.2649	.2965	.1895	-.1567	
											.2597	.3972	.2104	.0042	
											.2557	.2960	.1339	-.4993	-.4893
											.2370	.2571	.1012	-.4400	-.4968
											.2979	.2027	.0496	-.2913	-.4245
											.1766	.1520	.0456	-.1821	-.3252
											.1592	.1256	.0819	-.1019	-.3154

X/LB .8560



ARC11-718 1A14 01+T18+312N25+AT11 ORB ATTACH PTS

(R81139)

ALPHA( 3 ) = -.330    BETAO ( 2 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB    .8580

Y/BW	
-.107	-.4489
-.095	-.3725
-.084	-.3803
-.043	-.4655
-.021	-.5656
.000	-.5201

ALPHA( 3 ) = -.340    BETAC ( 3 ) = 4.070

SECTION ( 1 ) ORB. ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB    .0870    .0930    .1020    .1100    .1180    .1260    .1330    .7880    .7960    .8040    .8110    .8190    .8270    .8350    .8500

Y/BW														
-.277														
-.236														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB    .8580

Y/BW	
-.107	-.4855
-.085	-.4644
-.064	-.3305
-.043	-.3761
-.021	-.4223
.000	-.4659

ARC11-716 IA14 OI\*12+SIEN25+AT11 ORB ATTACH PTS

(RB1139)

ALPHA( 3 ) = -.340 BETA( 4 ) = 0.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.4326	.3846	.2863	.0555	
-.256								.5988			.3875	.3707	.2483	-.0467	
-.234								.7472	.9071		.3099	.2170	.3005	-.0187	
-.213								.6280	.6931	.8021	.6920				
-.192								.5285	.5000	.4143	.5186	.1218	.0824		
-.170								.4341	.4200	.3915	.2925	.0747			
-.149									.3558	.4137	.4421	.2604			
-.107										.2658	.3309	.1560	-.5087	-.6978	
-.085					.9102	.8447	-.1696	-.4401			.2554	.2740	.0902	-.5346	-.6540
-.064					.4471	.6644	-.0414	-.5040	-.6588		.1979	.1818	-.0570	-.5560	-.5380
-.043					.4563	.6970	-.7102	-.6912	-.5749		.1313	.0566	-.1948	-.5706	-.3748
-.021					.3131	.4886	.0000	.0000	-.6289		.0723	-.0195	-.1686	-.2245	-.0864
.000															

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA( 4 ) = 4.010 BETA( 1 ) = -8.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										-.1740	-.3140	-.2815	-.2973	
-.252								-.0726	.2416	.0170	-.3237	-.2907	-.1789	-.3412	
-.234								.4241	.4922	.6783	1.0280	-.2062	-.2261	-.4051	
-.213								.5229	.0000	.5675	.6263	.2844	.1268		
-.192								.5543	.6006	.6185	.4816	-.0103			
-.170								.5452	.6016	.5153	.3510				
-.149										.4508	.5079	.3693	-.2297	-.1980	
-.107										.4139	.4703	.3556	-.1384	-.2975	
-.085					.2193	-.2215	-.6228	-.7824			.3748	.4079	.3346	.0268	-.2532
-.064					.4907	.5682	-.8347	-.8528			.3360	.3374	.3075	.1403	-.1853
-.043					.5388	.7372	-.6239	-.6164			.3133	.3017	.2818	.1456	-.0480
-.021					.5339	.0000	.0000	-.5900							
.000					.4814	.0000	.0000								

X/LB .8580



(R01139)

ARC11-716 IAI4 OIYTD\*BIENS\*AT11 ORB ATTACH PTS

ALPHA( 4) = 4.010 BETA( 1) = -8.080

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8380

Y/BA	
-.107	-.4388
-.083	-.2312
-.084	-.3882
-.043	-.4987
-.021	-.4745
.000	-.3428

ALPHA( 4) = 4.010 BETA( 2) = -4.010

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BA														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB	.4070	.5436	.0000	.0000	.0000	.0000	.3022	-.1137	-.5285	-.7411				
Y/BA							.5076	.5990	.3973	-.3682	-.8011	-.7211		
-.107							.3451	.7427	.7375	-.8023	-.6912	-.6411		
-.083							.5076	.5990	.3973	-.3682	-.8011	-.7211		
-.084							.3451	.7427	.7375	-.8023	-.6912	-.6411		
-.043							.5076	.5990	.3973	-.3682	-.8011	-.7211		
-.021							.3451	.7427	.7375	-.8023	-.6912	-.6411		
.000							.5076	.5990	.3973	-.3682	-.8011	-.7211		

ORIGINAL PAGE IS OF POOR QUALITY

(R01139)

ARC11-716 IAL14 OI+TIE+SIENS+AT11 ORB ATTACHPTS

ALPHA( 4 ) = 4.000 BETA( 3 ) = .050

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8430
-.877	.0928	.0484	-.0382	-.2030												
-.856	.1599	.0478	-.0897	-.2787												
-.834	.2486	-.0639	-.0450	-.2734												
-.813	.4019															
-.182	.3144	.3678	.4019													
-.170	.0000	.2563	.3163	.0220	-.1130											
-.149	.2654	.2739	.3003	.1927	-.1472											
-.107	.2753	.3067	.2076	.0040												
-.085	.2570	.2901	.1276	-.4879	-.4555											
-.064	.2335	.2558	.0545	-.4289	-.4747											
-.043	.2091	.1991	.0421	-.2813	-.4130											
-.021	.1809	.1472	.0451	-.1766	-.3174											
.000	.1619	.1213	.0665	-.1098	-.2928											

X/LB .8330

Y/BW
-.107
-.4416
-.045
-.3694
-.064
-.3714
-.043
-.4537
-.021
-.5555
.000
-.5109

ALPHA( 4 ) = 4.000 BETA( 4 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8430
-.877	.3499	.2940	.1897	.0054												
-.856	.2992	.2628	.1619	-.1036												
-.834	.2561	.2196	.1118	-.0508												
-.813	.2024	.2196	.0748	-.0508												
-.192	.1429	.3404	.4301	.1403	.0456											
-.170	.3924	.3967	.3280	-.0653												
-.149	.3750	.4407	.4103	.1184												
-.107	.2886	.3414	.1502	-.5264	-.6488											
-.085	.2561	.2723	.0743	-.5321	-.5939											
-.064	.2024	.1803	-.0628	-.4392												
-.043	.1429	.0868	-.1234	-.3280	-.2235											
-.021	.1074	.0452	-.0335	-.2195	-.1818											
.000	.2886	.4659	.0000	.0000	-.6666											

X/LB .8160



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(R01139)

ARC11-716 IA14 01+T1E2+312N25\*AT11 ORB ATTACH PTS

ALPHAO ( 4 ) = 4.000 BETAO ( 4 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BA	
-.107	-.4759
-.085	-.4439
-.064	-.3360
-.043	-.3769
-.021	-.3874
.000	-.4442

ALPHAO ( 4 ) = 3.990 BETAO ( 5 ) = 8.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BA														
-.277											.4645	.4223	.2997	.0871
-.256								.6358			.4387	.4198	.2808	-.0137
-.234								.6338			.3772	.2808	.3367	.0041
-.213							.6539	.7750			.6965			
-.192								.7136			.4422	.5591	.1369	.0915
-.170								.5485			.4407	.4131	.3319	-.0775
-.149											.3795	.4223	.4552	.2632
-.107											.2722	.3370	.1573	-.4922
-.085											.2714	.2831	.0945	-.5273
-.064											.2162	.1933	-.0475	-.5507
-.043											.1446	.0702	-.1906	-.5381
-.021											.0841	-.0076	-.1624	-.1644
.000														-.0391

X/LB .8580

Y/BA	
-.107	-.4727
-.085	-.4384
-.064	-.3368
-.043	-.3413
-.021	-.2615
.000	-.3125

ORIGINAL FACILITY

DATE 09 JAN 75

TABLED PRESSURE DATA - IAI4A - VOL. 10

PAGE 2

ARC11-716 IAI4 O1+T12+S12S+T111 ORB ATTACH PTS (RB1139)

ALPHA( 1 ) = 7.030 BETA( 1 ) = -6.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.877															
-0.886															
-0.894															
-0.813															
-0.882															
-0.892															
-0.819															
-0.817															
-0.819															
-0.805															
-0.804															
-0.843															
-0.821															
0.800															
.4103	.3224	.0000	.0000	.0000	.0000	-.5912					.3210	.3068	.2805	.1363	-.0250
.6820	.5600	.3073	-.4745	-.8272	-.6575						.3784	.4141	.3294	.0214	-.2412
.8101	-.2318	-.6568	-.7836								.4566	.5089	.3729	-.2310	-.1523
-.0290	.0237	-.3110	-.1765	-.2160	-.3995						-.4185	.4772	.3538	-.1453	-.2846
.2336	.5034	.6672	1.0080								-.3110	-.1765	-.2160	-.3995	
.5674	.6321	.2829	.1254								-.1266	-.2750	-.2722	-.2813	
.5994	.6197	.4755	-.0150								-.0290	-.2862	-.1713	-.3311	
.5472	.6048	.5170	.3425								.2336	.0237	-.3110	-.1765	-.3995

X/LB .8560

- Y/BW
- 0.102
- 0.4361
- 0.045
- 0.2335
- 0.064
- 0.3092
- 0.043
- 0.4768
- 0.021
- 0.4815
- 0.800
- 0.3247

ALPHA( 2 ) = 7.030 BETA( 2 ) = -3.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-0.877															
-0.886															
-0.894															
-0.813															
-0.882															
-0.892															
-0.819															
-0.817															
-0.819															
-0.805															
-0.804															
-0.843															
-0.821															
0.800															
.3876	.4146	.5065	.7636												
.8226	-.0433	-.3582	-.2055	-.1635	-.3443										
-.1099	-.2093	-.3003	-.3021												
-.0134	-.0433	-.3582	-.2055	-.1635	-.3443										
.4557	.5137	.1792	.0294												
.4707	.5044	.3804	-.0800												
.4353	.4867	.4001	.2062												
.3732	.4242	.2771	-.3406	-.2739											
.3423	.3884	.2572	-.2610	-.3082											
.3063	.3239	.2196	-.1059	-.3087											
.2692	.2619	.2064	.0034	-.2358											
.2526	.2323	.1998	.0316	-.1340											

X/LB .8560



DATE 08 JAN 78 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+112+312M23+AT11 ORB ATTACH PTS

(R01139)

ALPHA ( 1 ) = 7.930 BETA ( 2 ) = -3.990

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8380

T/θ	
- .107	-.4849
- .089	-.3813
- .064	-.3436
- .043	-.4944
- .021	-.9106
.000	-.4080

ALPHA ( 3 ) = 7.930 BETA ( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1080 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8330 .8390

T/θ														
- .277														
- .256														
- .234														
- .213														
- .192														
- .170														
- .149														
- .107														
- .083														
- .064														
- .043														
- .021														
.000														

X/LB .8380

T/θ	
- .107	-.4269
- .089	-.3610
- .064	-.3733
- .043	-.4481
- .021	-.3349
.000	-.4334

(RB1139)

ARC11-716 IAI4 OI+T12-SIEN25MAT11 ORB ATTACH PTS

ALPHA( 8 ) = 7.930 BETA( 4 ) = 4.120

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7950	.8040	.8110	.8190	.8270	.8350	.8500
-.877										.5290	.3603	.3119	.2075	.0225		
-.856										.7223	.5198	.1816	-.0881			
-.834										.6923	.2724	.1933	.2660	-.0360		
-.813									.5489	.6089	.7074	.6349				
-.792										.4560	.3354	.4243	.1113	.0318		
-.770										.3719	.3657	.3691	.2897	-.0841		
-.749										.3494	.4079	.3813	.3813	.1511		
-.727											.2670	.3073	.1123	-.5303	-.6118	
-.706					.4129	.1465	-.2602	-.9131			.2332	.2398	.0439	-.5423	-.5249	
-.684					.3136	.5377	-.0546	-.7698			.1933	.1549	-.0776	-.5122	-.3939	
-.663					.3716	.6382	-.7374	-.6810			.1342	.0705	-.1335	-.2981	-.1982	
-.641					.4260	.0000	.0000	-.6733			.1027	.0379	-.0433	-.1924	-.1675	
-.620																

X/LB .9580

Y/LB
-.107
-.4487
-.085
-.4132
-.064
-.3094
-.053
-.3442
-.021
-.3509
.000
-.4337

ALPHA( 9 ) = 7.910 BETA( 5 ) = 2.200

SECTION ( 1 ) ORB. ATTACH POINTS		DEPENDENT VARIABLE CP														
X/LB	Y/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877											.6063	.4315	.3798	.2785	.0893	
-.856										.7400	.4007	.4007	.3673	.2576	-.0238	
-.834										.6145	.5663	.2237	.3112	-.0134		
-.813										.7792	.6439	.4820	.1167	.0660		
-.792										.5013	.3676	.4010	.3822	.2931	-.0890	
-.770										.4122	.3377	.4069	.4403	.2443		
-.749											.2758	.3368	.1585	-.4984	-.5336	
-.727											.2619	.2803	.0923	-.5220	-.5811	
-.706					.4414	.2876	-.1640	-.4393			.2366	.1691	-.0491	-.5436	-.4433	
-.684					.8102	.8228	.0391	-.4784	-.7035		.1453	.0744	-.1781	-.4923	-.2493	
-.663					.8805	.6276	1.0380	-.6994	-.6864		.0567	.0144	-.1322	-.1287	-.0476	
-.641					.3818	.5900	.0000	.0000	-.6842							
-.620					.1093	.5900	.0000	.0000								

X/LB .8580



DATE 09 JAN 75      TABULATED PRESSURE DATA - IAI14 - VOL. 13

(R01139)

ARC11-716 IAI4 01+T12+S12M25+AT11 ORB ATTACH PTS

ALPHA (S) = 7.910    BETA (S) = 8.200

SECTION 11 ORB. ATTACH POINTS      DEPENDENT VARIABLE CP

Z/CM      .8500

Y/CM	
-.107	-.4841
-.098	-.4810
-.064	-.3088
-.043	-.3488
-.021	-.2701
.000	-.3473

ARC11-716 IA14 G1+T12+S12N23+AT11 ORB ATTACH PTS

(RB1140) ( 15 FEB 74 )

REFERENCE DATA

SCALE = 0.4810 SQ.FT. ZMRP = 29.5800 INCHES  
LREF = 38.7090 INCHES YMRP = .0000 INCHES  
BREF = 8.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.400 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

ALPHA( 1 ) = -7.920 BETA( 1 ) = -8.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.877  
-.856  
-.834  
-.813  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.0833  
.0580  
-.3287  
-.3214  
-.3484  
-.2600  
-.3218  
.1401  
.0697  
-.3348  
-.2381  
-.2340  
-.3520  
.2787  
.5597  
.9351  
.0000  
.4986  
.5382  
.4504  
.2372  
.5429  
.5746  
.5305  
.1176  
.4985  
.5582  
.5214  
.3498  
.0144  
.4495  
.5223  
.4620  
-.0764  
-.1254  
.4231  
.4958  
.4449  
.0042  
-.1872  
.3909  
.4410  
.4075  
.1467  
-.0945  
.3560  
.3806  
.3741  
.2426  
-.0311  
.3449  
.3539  
.3651  
.2732  
.0170

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.107  
-.2642  
-.085  
-.1080  
-.064  
-.2090  
-.043  
-.3021  
-.021  
-.2746  
.000  
-.2435

ALPHA( 2 ) = -7.910 BETA( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.877  
-.856  
-.834  
-.813  
-.192  
-.170  
-.149  
-.2943  
-.3253  
-.3624  
-.2510  
-.2919  
-.1343  
-.0292  
-.3720  
-.2254  
-.2192  
-.3310  
.2818  
.2920  
.4362  
.7858  
.3317  
.0000  
.3924  
.4302  
.3489  
.1971  
.3823  
.4340  
.4655  
.4482  
.0458  
-.119  
.4117  
.4677  
.4561  
.2487



(RBL14D)

ARC11-716 IAI4 OL+T12+SIEM25+AT11 ORB ATTACH PTS

ALPHA ( 1 ) = -7.910 BETA ( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0990	.1080	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.107															-.1890
-.085															-.2433
-.064					.5475	.1740	-.2042	-.4070			.4114	.4795	.4250	-.1306	-.2433
-.043		.7826	.8070	.6302	-.0543	-.4574	-.3984			.3869	.4573	.3987	-.0712	-.2363	-.2363
-.021	.000	.7351	.9292	.9283	-.4590	-.3533	-.3232			.3548	.4020	.3467	.0543	-.1850	-.1850
.000		.8397	.7579	.0000	.0000	.0000	-.2903			.3200	.3414	.3201	.1490	-.0804	-.0804
										.3037	.3118	.3154	.1692	-.0458	-.0458

X/LB .8580

Y/BW

-.107	-.3314
-.085	-.1402
-.064	-.2118
-.043	-.3070
-.021	-.2960
.000	-.2372

ALPHA ( 1 ) = -7.900 BETA ( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.877															-.2421
-.258								.0875	.2031	.2031	-.1284	-.1123	-.1411	-.2550	-.2550
-.234								.2295	.2875	.2875	-.1606	-.1925	-.0788	-.2255	-.2255
-.213							.8202	.2875	.3737	.3737	.4865	.4865	.3611	.1752	.0276
-.192								.2842	.0000	.0000	.2710	.3108	.3565	.2867	-.0609
-.170									.2842	.2842	.3127	.3694	.3261	.1094	-.2833
-.149															-.2833
-.107												.3408	.3995	.3120	-.3498
-.085											.3325	.3757	.2847	-.1913	-.3348
-.064				.6166	.2727	-.1207	-.3433				.3100	.3320	.2298	-.0780	-.1980
-.043	.7015	.8120	.7165	.0465	-.3971	-.3677					.2829	.2840	.2225	.0259	-.1150
-.021	.7475	.9050	1.0360	-.4441	-.3491	-.3313					.2701	.2668	.2521	.1134	-.1033
.000	.8077	.7809	.0000	.0000	.0000	-.2859									

X/LB .8580

Y/BW

-.107	-.3747
-.085	-.2148
-.064	-.2164

ARC11-716 IA14 01+T12+S12N23+AT11 ORB ATTACH PTS (N01140)

ALPHA( 1 ) = -7.900 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BW  
-.081 -.3180  
.000 -.2716

ALPHA( 4 ) = -7.910 BETA( 4 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1080	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										.1260	.1284	.0953	-.0529	
	-.256						.4005				.0610	.1337	.0879	-.1136	
	-.234						.5485				.1953	-.1376	.2118	-.0051	
	-.213						.5609	.7715			.9056				
	-.192						.4313	.0000			.3763	.3404	.2826	.1679	
	-.170							.3327			.3302	.4109	.4799	.0246	
	-.149										.3174	.4245	.4634	.1656	
	-.107														-.4892
	-.085										.2683	.2999	.1418	-.3353	-.5044
	-.064										.2249	.2417	.1000	-.3417	-.4703
	-.043										.1763	.1723	.0118	-.3345	-.4186
	-.021										.1322	.1034	-.0236	-.2022	-.2172
000	.5420	.7311	.0000	.0000	.0000	.0000	-.3064				.1042	.0743	.0400	-.1476	-.2072

X/LB .6580

Y/BW  
-.107 -.4803  
-.063 -.4456  
-.064 -.3617  
-.043 -.2437  
-.021 -.2376  
.000 -.3236



(RB1140)

ARL11-716 IA14 01112+512N25+AT11 DRB ATTACH PTS

ALPHA( 1 ) = -8.000 BETA( 5 ) = 8.190

SECTION ( 1 ) DRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB															
-.277											.2348	.2620	.1791	.0633	
-.236								.5242			.1420	.1835	.1348	-.0255	
-.234								.6609			.2952	-.0531	.2430	.0754	
-.213								.6495			.7968				
-.192							.5324	.4758			.3552	.4003	.2607	.1306	
-.170								.3789			.3869	.5883	.3642	.0267	
-.149											.3223	.3905	.5166	.1326	
-.107															
-.085											.2514	.3298	.2458	-.2947	-.4531
-.064						.7316	.4931	.1134	-.1404		-.2438	.2762	.1801	-.2947	-.4318
-.042						.6807	.8322	.3106	-.3964		.1958	.1990	.0519	-.3185	-.3508
-.021						.6865	.9106	1.2200	-.4010	-.3785	-.1332	.1014	-.0817	-.3549	-.2068
.000						.5612	.7185	.0000	.0000	-.3119	.0756	.0356	-.0774	-.1255	-.0187
X/LB															
.0500															

ALPHA( 2 ) = -4.010 BETA( 1 ) = -8.050

SECTION ( 1 ) DRB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB															
-.277															
-.236															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.042															
-.021															
.000															
X/LB															
.0500															

ORIGINAL PAGE IS OF POOR QUALITY





ALPHA ( 2 ) = -3.940 BETA ( 4 ) = 4.100

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/EM  
 -.107 -.4615  
 -.085 -.4442  
 -.064 -.3526  
 -.043 -.2195  
 -.021 -.2086  
 .000 -.2941

ALPHA ( 2 ) = -3.950 BETA ( 5 ) = 8.150

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1350 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/EM  
 -.277  
 -.236  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 .5777  
 .7151  
 .6748  
 .4958  
 .5891  
 .6310  
 .8300  
 .0000  
 .3993  
 .3554  
 .2729  
 .5411  
 .7745  
 .3848  
 .4094  
 .3485  
 .2617  
 .2620  
 .2156  
 .1571  
 .0891  
 .3523  
 .2828  
 .1024  
 .4055  
 .1664  
 .4446  
 .3663  
 .4085  
 .3396  
 .1843  
 .2104  
 .1097  
 .0357  
 .2480  
 -.2898  
 -.4527  
 -.0846  
 -.0821  
 .2480  
 -.2905  
 -.4776  
 -.3190  
 -.4306  
 -.4265  
 -.2305  
 .0987  
 -.1950  
 -.4053  
 -.3264  
 -.3205  
 .7072  
 .4745  
 .0987  
 -.1950  
 -.4053  
 -.4194  
 -.3903  
 .0000  
 .0000  
 .0000

X/LB .8580

Y/EM  
 -.107 -.4366  
 -.085 -.4478  
 -.064 -.4239  
 -.043 -.3840  
 -.021 -.2550  
 .000 -.2159



ARC11-716 IA14 31+T12+SIENE5+AT11 ORB ATTACH PTS (RB1140)

ALPHA( 3 ) = -.370 BETA( 1 ) = -6.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500																																																																	
Y/BA	-.877	-.836	-.834	-.813	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.4251	.7331	.0000	.0000	.0000	.4490	.0565	-.3037	-.4435	.6848	.7546	.5316	-.1325	-.4692	-.3310	.7370	.6937	.8009	-.4727	-.3565	-.2952	.0000	.0000	.0000	.0000	.4907	.4957	.4824	.6449	.5703	.6117	.4508	.2701	.6152	.6401	.5668	.1477	.5727	.6270	.5773	.4097	.0666	.5060	.5686	.4876	-.0468	-.0481	.4691	.5350	.4701	.0274	-.1190	.4303	.4759	.4315	.1688	-.0621	.3951	.4132	.4024	.2625	-.0071	.3789	.3614	.3791	.2758	-.0808

X/LB .8560

Y/BA
-.107
-.2342
-.065
-.0760
-.064
-.1455
-.043
-.2671
-.021
-.2474
.000
-.1597

ALPHA( 3 ) = -.380 BETA( 2 ) = -4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500																																																																	
Y/BA	-.877	-.836	-.834	-.813	-.192	-.170	-.149	-.107	-.085	-.064	-.043	-.021	.000	.4251	.7331	.0000	.0000	.0000	.4490	.0565	-.3037	-.4435	.6848	.7546	.5316	-.1325	-.4692	-.3310	.7370	.6937	.8009	-.4727	-.3565	-.2952	.0000	.0000	.0000	.0000	.4907	.4957	.4824	.6449	.5703	.6117	.4508	.2701	.6152	.6401	.5668	.1477	.5727	.6270	.5773	.4097	.0666	.5060	.5686	.4876	-.0468	-.0481	.4691	.5350	.4701	.0274	-.1190	.4303	.4759	.4315	.1688	-.0621	.3951	.4132	.4024	.2625	-.0071	.3789	.3614	.3791	.2758	-.0808

ALPHA( 3 ) = -.380    BETA ( 2 ) = -4.020

SECTION ( 1 ) ORB. ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB    .9580

Y/B<sub>w</sub>

-107	-.3046
-.085	-.1214
-.064	-.1551
-.043	-.2036
-.021	-.2603
.000	-.3026

ALPHA( 3 ) = -.380    BETA ( 3 ) = .020

SECTION ( 1 ) ORB. ATTACH POINTS    DEPENDENT VARIABLE CP

X/LB    .0870   .0890   .1020   .1100   .1160   .1260   .1330   .7680   .7960   .8040   .8110   .8190   .8270   .8350   .8500

Y/B<sub>w</sub>

-.277	.0653	.0468	-.0311	-.1465
-.258	.0341	.0216	-.0446	-.1689
-.234	.2315	-.0324	-.0148	-.1629
-.213	.4312	.3482	.1576	.0211
-.192	.2905	.3416	.2667	-.0342
-.170	.3165	.3555	.2939	.1099
-.148	.3155			-.2648
-.127	.3430	.3944	.2939	-.2522
-.105	.3277	.3758	.2723	-.2059
-.084	.3090	.3308	.2215	-.0881
-.063	.2857	.2801	.2155	-.0048
-.043	.2607	.2362	.2349	.0553
-.021	.6207	.7524	.8228	-.1346
.000	.6937	.8228	.9722	-.4216
	.7265	.0030	.0000	-.4071
				.0000
				-.3401

X/LB    .8580

Y/B<sub>w</sub>

-107	-.3609
-.085	-.2211
-.064	-.2034
-.043	-.2785
-.021	-.3096
.000	-.2567





ALPHA ( 1 ) = 0.000 BETA ( 1 ) = -0.060

SECTION 111300 ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850	0.900	0.950	1.000		
Y/B	-0.107	-0.4546	-0.085	-0.4742	-0.064	-0.4316	-0.043	-0.4082	-0.021	-0.3824	0.000	-0.1428											

ALPHA ( 4 ) = 4.000 BETA ( 1 ) = -0.060

SECTION 111300 ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850	0.900	0.950	1.000		
Y/B	-0.277	-0.256	-0.234	-0.213	-0.192	-0.170	-0.149	-0.127	-0.105	-0.084	-0.064	-0.043	-0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SECTION 111300 ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850	0.900	0.950	1.000		
Y/B	-0.107	-0.1090	-0.085	-0.0866	-0.064	-0.0649	-0.043	-0.0432	-0.021	-0.0212	0.000	-0.1057											





A. 4.010 05100 0350

SECTION 10000 ATTACH POINTS DEFERENT VARIABLE CP

K/L 0100

1/00	-3793
2/00	-2267
3/00	-1901
4/00	-2631
5/00	-3182
6/00	-2656

ALPHABETIC 4.020 05100 0350

SECTION 10000 ATTACH POINTS DEFERENT VARIABLE CP

K/L 0050 0050 0100 0150 0200 0250 0300 0350 0400 0450 0500 0550 0600 0650 0700 0750 0800 0850 0900 0950 1000 1050 1100 1150 1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800 1850 1900 1950 2000 2050 2100 2150 2200 2250 2300 2350 2400 2450 2500 2550 2600 2650 2700 2750 2800 2850 2900 2950 3000 3050 3100 3150 3200 3250 3300 3350 3400 3450 3500 3550 3600 3650 3700 3750 3800 3850 3900 3950 4000 4050 4100 4150 4200 4250 4300 4350 4400 4450 4500 4550 4600 4650 4700 4750 4800 4850 4900 4950 5000 5050 5100 5150 5200 5250 5300 5350 5400 5450 5500 5550 5600 5650 5700 5750 5800 5850 5900 5950 6000 6050 6100 6150 6200 6250 6300 6350 6400 6450 6500 6550 6600 6650 6700 6750 6800 6850 6900 6950 7000 7050 7100 7150 7200 7250 7300 7350 7400 7450 7500 7550 7600 7650 7700 7750 7800 7850 7900 7950 8000 8050 8100 8150 8200 8250 8300 8350 8400 8450 8500 8550 8600 8650 8700 8750 8800 8850 8900 8950 9000 9050 9100 9150 9200 9250 9300 9350 9400 9450 9500 9550 9600 9650 9700 9750 9800 9850 9900 9950 10000

1/00	-277
2/00	-236
3/00	-234
4/00	-213
5/00	-192
6/00	-170
7/00	-149
8/00	-137
9/00	-125
10/00	-104
11/00	-83
12/00	-62
13/00	-41
14/00	-20
15/00	1
16/00	20
17/00	39
18/00	58
19/00	77
20/00	96
21/00	115
22/00	134
23/00	153
24/00	172
25/00	191
26/00	210
27/00	229
28/00	248
29/00	267
30/00	286
31/00	305
32/00	324
33/00	343
34/00	362
35/00	381
36/00	400
37/00	419
38/00	438
39/00	457
40/00	476
41/00	495
42/00	514
43/00	533
44/00	552
45/00	571
46/00	590
47/00	609
48/00	628
49/00	647
50/00	666
51/00	685
52/00	704
53/00	723
54/00	742
55/00	761
56/00	780
57/00	799
58/00	818
59/00	837
60/00	856
61/00	875
62/00	894
63/00	913
64/00	932
65/00	951
66/00	970
67/00	989
68/00	1008
69/00	1027
70/00	1046
71/00	1065
72/00	1084
73/00	1103
74/00	1122
75/00	1141
76/00	1160
77/00	1179
78/00	1198
79/00	1217
80/00	1236
81/00	1255
82/00	1274
83/00	1293
84/00	1312
85/00	1331
86/00	1350
87/00	1369
88/00	1388
89/00	1407
90/00	1426
91/00	1445
92/00	1464
93/00	1483
94/00	1502
95/00	1521
96/00	1540
97/00	1559
98/00	1578
99/00	1597
100/00	1616

K/L 0100

1/00	-4424
2/00	-4484
3/00	-4544
4/00	-4604
5/00	-4664
6/00	-4724
7/00	-4784
8/00	-4844
9/00	-4904
10/00	-4964
11/00	-5024
12/00	-5084
13/00	-5144
14/00	-5204
15/00	-5264
16/00	-5324
17/00	-5384
18/00	-5444
19/00	-5504
20/00	-5564
21/00	-5624
22/00	-5684
23/00	-5744
24/00	-5804
25/00	-5864
26/00	-5924
27/00	-5984
28/00	-6044
29/00	-6104
30/00	-6164
31/00	-6224
32/00	-6284
33/00	-6344
34/00	-6404
35/00	-6464
36/00	-6524
37/00	-6584
38/00	-6644
39/00	-6704
40/00	-6764
41/00	-6824
42/00	-6884
43/00	-6944
44/00	-7004
45/00	-7064
46/00	-7124
47/00	-7184
48/00	-7244
49/00	-7304
50/00	-7364
51/00	-7424
52/00	-7484
53/00	-7544
54/00	-7604
55/00	-7664
56/00	-7724
57/00	-7784
58/00	-7844
59/00	-7904
60/00	-7964
61/00	-8024
62/00	-8084
63/00	-8144
64/00	-8204
65/00	-8264
66/00	-8324
67/00	-8384
68/00	-8444
69/00	-8504
70/00	-8564
71/00	-8624
72/00	-8684
73/00	-8744
74/00	-8804
75/00	-8864
76/00	-8924
77/00	-8984
78/00	-9044
79/00	-9104
80/00	-9164
81/00	-9224
82/00	-9284
83/00	-9344
84/00	-9404
85/00	-9464
86/00	-9524
87/00	-9584
88/00	-9644
89/00	-9704
90/00	-9764
91/00	-9824
92/00	-9884
93/00	-9944
94/00	-10004
95/00	-10064
96/00	-10124
97/00	-10184
98/00	-10244
99/00	-10304
100/00	-10364





ALPHA ( 5 ) = 8.300 BETA ( 2 ) = -8.060

SECTION ( 1 ) ORS . ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0580
Y/BW	
	-.107
	-.085
	-.084
	-.043
	-.021
	.000

ALPHA ( 5 ) = 7.960 BETA ( 2 ) = -4.010

SECTION ( 1 ) ORS . ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1160	.1260	.1330	.788C	.7960	.904J	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.277														
	-.256														
	-.234								.2415	.0369	-.0732	-.1878	-.2569	-.2935	
	-.213							.377U	.4340	.0365	-.2468	-.0943	-.1240	-.2612	
	-.192								.4588	.5433	.7964	.5561	.3510	.1925	
	-.170									.0000	.5050	.5668	.4918	.0894	
	-.149									.4945	.4963	.5497	.4985	.3248	
	-.107														-.0012
	-.085										.4532	.5113	.4169	-.1071	-.0827
	-.084										.4242	.4855	.4012	-.0382	-.1489
	-.043			.6117	.7088	.5459	-.1342	-.5053	-.4582	.3964	.4328	.3671	.0957	-.0831	
	-.021			.8519	.8659	.8478	-.5075	-.4079	-.3938	.3644	.3696	.3480	.1820	-.0085	
	.000			.8603	.0900	.0000	.0000	-.3885		.3481	.3452	.3297	.1978	.0634	
X/LB	.0580														
Y/BW															
	-.107														
	-.085														
	-.084														
	-.043														
	-.021														
	.000														



TABLED PRESSURE DATA - TABLE 10

(881140)

ARC11-TAG 1415 01+T12+312N2+AT11 ORB ATTACH FIS

BETA ( 3 ) = 0.000

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B <sub>w</sub>	X/LB	.0870	.0950	.1020	.1100	.1185	.1260	.1330	.7880	.7890	.8040	.8110	.8190	.8270	.8350	.8900
-.877												.1376	.1067	.0312	-.0791	
-.856								.2064				.0937	.0762	.0024	-.1476	
-.834								.3187				.0170	.0263	.0377	-.1363	
-.813								.3415	.3130			.4250	.3456	.1033	.0234	
-.192								.3155				.2949	.3464	.2543	-.0219	
-.170								.3112				.3159	.3504	.2775	.1150	
-.148												.3209				
-.107												.3406	.3757	.2515	-.2463	-.2289
-.085												.3301	.3569	.2342	-.1909	-.2733
-.064							.4973	.2170	-.1455	-.3586		.3127	.3196	.1969	-.0653	-.1997
-.043							.4974	.6486	.5607	.0460	-.3922	-.4529				
-.021							.5786	.7030	.8758	-.4063	-.4250	.2487	.2743	.2047	.0154	-.0934
.000							.8297	.6075	.0000	.0000	-.3812	.2762	.2493	.2247	.0452	-.0473

X/LB .8580

Y/B <sub>w</sub>	X/LB	.8580
-.107		-.3559
-.085		-.2173
-.064		-.1746
-.043		-.2471
-.021		-.2997
.000		-.2456

BETA ( 4 ) = 0.210

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B <sub>w</sub>	X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7890	.8040	.8110	.8190	.8270	.8350	.8900
-.877												.5544	.5217	.4460	.2857	
-.856								.1391				.5270	.5040	.4200	.1847	
-.834								.0567				.5262	.3359	.4711	.8032	
-.813								.7221	.7094	.8932	.7535	.6181	.2619	.2366		
-.192								.6097	.6090	.3302	.3302	.5117	.4339	.3944		
-.170								.3250	.3250	.3250	.3250	.4055	.5684	.3799		
-.148												.3111	.4235	.2879	-.2464	-.4402
-.107												.3356	.3772	.2742	-.4635	
-.085							.5463	.4223	.0951	-.1583		.3075	.5922	.1122	-.2994	-.4211
-.064							.6876	.3089	-.1712	-.3633		.2422	.1670	-.0324	-.3661	-.4133
-.043							.6458	1.1580	-.4133	-.4450		.1776	.0390	-.2389	-.3145	-.1172
-.021							.3967	.0000	.0000	-.4236						
.000							.1923	.3967	.0000	.0000						

X/LB .8580

15B11407

15C11018 UN14 J1+T2+K52H23+... CRB

ALPHA (S) = 8.000 BETA (4) = 8.810

SECTION (1) CRB ATTACH POINTS DEPENDENT VARIABLE CP

X/CRB	Y/CRB
.8300	-.107
	-.4191
	-.085
	-.4358
	-.104
	-.4234
	-.1043
	-.3636
	-.1021
	-.2972
	.000
	-.10708



TABULATED PRESSURE DATA - TABLE VOL 10

ARC11-716 1414 01+112+312M85 (RB1141) ( 15 FEB 74 )

ORB ATTACH PTG

ORB ATTACH PTG

ORB ATTACH PTG

ORB ATTACH PTG

PARAMETRIC DATA

REFERENCE DATA

SPEC 7 2.4810 SQ.FT. 14R 7 29.5300 INCHES  
 LREF 7 36.7090 INCHES 14RP 7 3.0000 INCHES  
 BREF 7 36.7090 INCHES 14ZP 7 3.0000 INCHES  
 SCALE 7 .0300 SCALE

ALPHA( 1 ) = -7.940 BETA( 1 ) = .020

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW	X/LB	0.070	0.090	0.100	0.110	0.120	0.130	0.140	0.150	0.160	0.170	0.180	0.190	0.200
-1.277	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.234	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.192	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.149	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.127	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.064	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X/LB .0580

Y/BW  
 -1.107 -1.3103  
 -1.085 -1.3216  
 -1.064 -1.3443  
 -1.043 -1.3559  
 -1.021 -1.3723  
 .000 -1.3777

ALPHA( 1 ) = -7.990 BETA( 1 ) = 6.020

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Y/BW	X/LB	0.070	0.090	0.100	0.110	0.120	0.130	0.140	0.150	0.160	0.170	0.180	0.190	0.200
-1.277	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.234	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.192	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.149	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.127	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.064	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SECTION	POINT	ATTACH POINTS	DEPENDENT VARIABLE CP
A/B	8400	1320	1330
	7800	1260	1330
	7200	1200	1330
	6600	1140	1330
A/B	8400	1320	1330
	7800	1260	1330
	7200	1200	1330
	6600	1140	1330
	6000	1080	1330
	5400	1020	1330

ALPHA ( 1 ) = -7.970    BETAS ( 3 ) = 9.150

SECTION	POINT	ATTACH POINTS	DEPENDENT VARIABLE CP
A/B	8400	1320	1330
	7800	1260	1330
	7200	1200	1330
	6600	1140	1330
	6000	1080	1330
	5400	1020	1330
	4800	960	1330
	4200	900	1330
	3600	840	1330
	3000	780	1330
	2400	720	1330
	1800	660	1330

SECTION	POINT	ATTACH POINTS	DEPENDENT VARIABLE CP
A/B	8400	1320	1330
	7800	1260	1330
	7200	1200	1330



TANGENTIAL PRESSURE DATA - IATA4 - VOL. 10

ARC11-713 (A14-DISTI&S1282) ORB ATTACH PTS (RB114-1)

ALPHA-2) = -4.050 META0 (L) = -0.010

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB	Y/DB	0.8975	0.8950	0.8925	0.8900	0.8875	0.8850	0.8825	0.8800	0.8775	0.8750	0.8725	0.8700	0.8675	0.8650
Y/DB	-1.021	-1.022	-1.023	-1.024	-1.025	-1.026	-1.027	-1.028	-1.029	-1.030	-1.031	-1.032	-1.033	-1.034	-1.035
	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000
	-0.3621	-0.3622	-0.3623	-0.3624	-0.3625	-0.3626	-0.3627	-0.3628	-0.3629	-0.3630	-0.3631	-0.3632	-0.3633	-0.3634	-0.3635
	-3.3510	-3.3511	-3.3512	-3.3513	-3.3514	-3.3515	-3.3516	-3.3517	-3.3518	-3.3519	-3.3520	-3.3521	-3.3522	-3.3523	-3.3524
	-3.923	-3.924	-3.925	-3.926	-3.927	-3.928	-3.929	-3.930	-3.931	-3.932	-3.933	-3.934	-3.935	-3.936	-3.937
	-4.4148	-4.4149	-4.4150	-4.4151	-4.4152	-4.4153	-4.4154	-4.4155	-4.4156	-4.4157	-4.4158	-4.4159	-4.4160	-4.4161	-4.4162
	-4.906	-4.907	-4.908	-4.909	-4.910	-4.911	-4.912	-4.913	-4.914	-4.915	-4.916	-4.917	-4.918	-4.919	-4.920
	-5.400	-5.401	-5.402	-5.403	-5.404	-5.405	-5.406	-5.407	-5.408	-5.409	-5.410	-5.411	-5.412	-5.413	-5.414
	-5.900	-5.901	-5.902	-5.903	-5.904	-5.905	-5.906	-5.907	-5.908	-5.909	-5.910	-5.911	-5.912	-5.913	-5.914
	-6.400	-6.401	-6.402	-6.403	-6.404	-6.405	-6.406	-6.407	-6.408	-6.409	-6.410	-6.411	-6.412	-6.413	-6.414

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

R/LB	Y/DB	0.8975	0.8950	0.8925	0.8900	0.8875	0.8850	0.8825	0.8800	0.8775	0.8750	0.8725	0.8700	0.8675	0.8650
Y/DB	-1.021	-1.022	-1.023	-1.024	-1.025	-1.026	-1.027	-1.028	-1.029	-1.030	-1.031	-1.032	-1.033	-1.034	-1.035
	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000
	-3.3510	-3.3511	-3.3512	-3.3513	-3.3514	-3.3515	-3.3516	-3.3517	-3.3518	-3.3519	-3.3520	-3.3521	-3.3522	-3.3523	-3.3524
	-3.923	-3.924	-3.925	-3.926	-3.927	-3.928	-3.929	-3.930	-3.931	-3.932	-3.933	-3.934	-3.935	-3.936	-3.937
	-4.4148	-4.4149	-4.4150	-4.4151	-4.4152	-4.4153	-4.4154	-4.4155	-4.4156	-4.4157	-4.4158	-4.4159	-4.4160	-4.4161	-4.4162
	-4.906	-4.907	-4.908	-4.909	-4.910	-4.911	-4.912	-4.913	-4.914	-4.915	-4.916	-4.917	-4.918	-4.919	-4.920
	-5.400	-5.401	-5.402	-5.403	-5.404	-5.405	-5.406	-5.407	-5.408	-5.409	-5.410	-5.411	-5.412	-5.413	-5.414
	-5.900	-5.901	-5.902	-5.903	-5.904	-5.905	-5.906	-5.907	-5.908	-5.909	-5.910	-5.911	-5.912	-5.913	-5.914
	-6.400	-6.401	-6.402	-6.403	-6.404	-6.405	-6.406	-6.407	-6.408	-6.409	-6.410	-6.411	-6.412	-6.413	-6.414

ALPHA(2) = ...

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE: CP

X/LB	.0870	.0950	.1020	.1100	.1260	.1350	.1660	.1910	.2510	.310	.390	.4970	.6350
Y/LB	.0384												
	-.377												
	-.856												
	-.234												
	-.213												
	-.192												
	-.170												
	-.149												
	-.107												
	-.085												
	-.064												
	-.043												
	-.021												
	.000												
X/LB	.6360												
Y/LB													
	-.107												
	-.065												
	-.064												
	-.043												
	-.043												
	-.021												
	.000												

ALPHA(2) = -4.020 BETAS (3) = .030

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE: CP

X/LB	.0670	.0950	.1020	.1100	.1260	.1330	.1660	.1960	.2600	.3190	.4190	.5270	.6300
Y/LB													
	-.877												
	-.236												
	-.234												
	-.213												
	-.122												
	-.170												
	-.149												
	-.107												
	-.085												
	-.064												
	-.043												
	-.021												
	.000												
X/LB	.6360												
Y/LB													
	-.877												
	-.236												
	-.234												
	-.213												
	-.122												
	-.170												
	-.149												
	-.107												
	-.085												
	-.064												
	-.043												
	-.021												
	.000												







DATE 09/14/77 TABULATED PRESSURE DATA TALL VOL 10 (RB1141)

ORB ATTACH PTS

ANCI-710 TALL DISTRIBUTIONS

ALPHA ( 1 ) = .330 BETA ( 1 ) = .400

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0190  
 Y/LB  
 -.107 -.4286  
 -.085 -.4384  
 -.064 -.4905  
 -.043 -.5332  
 -.021 -.5925  
 .000 -.6127

ALPHA ( 3 ) = .380 BETA ( 2 ) = -.4020

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0850	.1020	.1190	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/LB	-.877	-.856	-.834	-.813	-.792	-.770	-.3266	-.3345	-.3646	-.4048	-.4354	-.4756	-.4956	-.4371
								-.3315	-.3632	-.4456	-.5243	-.4914	-.4470	-.4241
														-.4448
														-.4950
														-.4799
														-.5055
														-.5220
														-.5488

X/LB .0190  
 Y/LB  
 -.107 -.3875  
 -.085 -.4080  
 -.064 -.4259  
 -.043 -.4538  
 -.021 -.4762  
 .000 -.5043



(R01141)

ORB ATTACH PTS

ARCHITECTURE DISTRIBUTION

ATTACH POINTS - 330 BETA

DEPENDENT VARIABLE OF

Y/LB

- 107 -3883
- 083 -3740
- 064 -3654
- 043 -3755
- 221 -3856
- .000 -3990

APPROX. 31.4 -0.330 BETA (S) = 0.140

SECTION 1 - ORB ATTACH POINTS DEPENDENT VARIABLE OF

Y/LB

-277	-0870	0.0940	0.1020	0.1100	0.1190	0.1260	0.7660	0.8940	0.8110	0.8190	0.8270	0.8350	0.8500
-250													
-234													
-213													
-192													
-170													
-149													
-127													
-103													
-764													
-543													
-21													
-1000													

X/LB

- 107 -4808
- 083 -4697
- 064 -4716
- 043 -4516
- 221 -4667
- .000 -4927



SECTION 1100B ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	0.070	0.090	0.120	0.150	0.180	0.260	0.330	0.400	0.480	0.550	0.620	0.700	0.780	0.860	0.930	1.000
-0.877	-0.877																
-0.836	-0.836																
-0.834	-0.834																
-0.813	-0.813																
-0.792	-0.792																
-0.770	-0.770																
-0.749	-0.749																
-0.727	-0.727																
-0.685	-0.685																
-0.664	-0.664																
-0.643	-0.643																
-0.621	-0.621																
-0.600	-0.600																

ALPHA(4) = 4.130 BETA(2) = -4.010

SECTION 1100B ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	0.070	0.090	0.120	0.150	0.180	0.260	0.330	0.400	0.480	0.550	0.620	0.700	0.780	0.860	0.930	1.000
-0.877	-0.877																
-0.836	-0.836																
-0.834	-0.834																
-0.813	-0.813																
-0.792	-0.792																
-0.770	-0.770																
-0.749	-0.749																
-0.727	-0.727																
-0.685	-0.685																
-0.664	-0.664																
-0.643	-0.643																
-0.621	-0.621																
-0.600	-0.600																

SECTION 1100B ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	0.070	0.090	0.120	0.150	0.180	0.260	0.330	0.400	0.480	0.550	0.620	0.700	0.780	0.860	0.930	1.000
-0.877	-0.877																
-0.836	-0.836																
-0.834	-0.834																
-0.813	-0.813																
-0.792	-0.792																
-0.770	-0.770																
-0.749	-0.749																
-0.727	-0.727																
-0.685	-0.685																
-0.664	-0.664																
-0.643	-0.643																
-0.621	-0.621																
-0.600	-0.600																





ARC11-716 IAI4 GA+T12+81EN25 ORB ATTACH RTE (RB1141)

ALPHA( 4 ) = 4.120 BETA( 4 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8400
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LL	.8560														
Y/BW	-.107	-.4062													
	-.085	-.3787													
	-.064	-.3605													
	-.043	-.3638													
	-.021	-.3754													
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ALPHA( 4 ) = 4.110 BETA( 5 ) = 6.150

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8400
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LL	.8560														
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01-T12+512NE5 (R81141)

ORB ATTACH PTS

ALPHA ( 1 ) = 4.110 BETA ( 3 ) = 9.130

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/BW	
-.107	-.4624
-.085	-.4529
-.084	-.4505
-.043	-.4374
-.021	-.4380
.000	-.4520

ALPHA ( 5 ) = 7.990 BETA ( 1 ) = -0.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7680 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .8580

Y/BW	
-.107	-.3917
-.085	-.4033
-.064	-.4593
-.043	-.4977
-.021	-.5373
.000	-.5606

ORIGINAL PAGE IS OF POOR QUALITY

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0090	.1020	.1100	.1160	.1260	.1330	.7660	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.771	-.750	-.729	-.708	-.687	-.666	-.645	-.624	-.603
X/LB	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

ALPHAO( 3) = 8.000 BETAO ( 3) = .010

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0090	.1020	.1100	.1160	.1260	.1330	.7660	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.771	-.750	-.729	-.708	-.687	-.666	-.645	-.624	-.603
X/LB	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000



DATE 09 JAN 73 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1141)

ORB ATTACH PTS

ARC11-716 IA14 ORB112+312M23

ALPHA ( 9 ) = 0.000 BETA ( 3 ) = 0.0

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8380

Y/BW	
-.107	-.2772
-.083	-.2912
-.064	-.3007
-.043	-.3123
-.021	-.3316
.000	-.3396

ALPHA ( 9 ) = 7.870 BETA ( 4 ) = 8.160

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0935 .1020 .1100 .1160 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277	-.2874	-.2821	-.2865	-.2894	-.2854	-.3172	-.2243	-.2181	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379
-.296	-.2936	-.2865	-.2830	-.2853	-.2853	-.3365	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.234	-.234	-.234	-.234	-.234	-.234	-.234	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.213	-.213	-.213	-.213	-.213	-.213	-.213	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.192	-.192	-.192	-.192	-.192	-.192	-.192	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.170	-.170	-.170	-.170	-.170	-.170	-.170	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.149	-.149	-.149	-.149	-.149	-.149	-.149	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.107	-.107	-.107	-.107	-.107	-.107	-.107	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.085	-.085	-.085	-.085	-.085	-.085	-.085	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.064	-.064	-.064	-.064	-.064	-.064	-.064	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.043	-.043	-.043	-.043	-.043	-.043	-.043	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
-.021	-.021	-.021	-.021	-.021	-.021	-.021	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979
.000	.000	.000	.000	.000	.000	.000	-.2243	-.2429	-.2854	-.3472	-.4169	-.4719	-.5379	-.5979

X/LB .8380

Y/BW	
-.107	-.4083
-.083	-.4436
-.064	-.4471
-.043	-.4273
-.021	-.4297
.000	-.3339

ORIGINAL PAGE IS OF POOR QUALITY



PARAMETRIC DATA

REF # 8.4210 SQ.FT. XMRP = 29.5000 INCHES  
LRP # 38.7090 INCHES YMRP = .0000 INCHES  
RRP # 38.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

REFERENCE DATA

ALPHA( 1 ) = -7.990 BETA( 1 ) = -6.000  
SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP  
X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Table with columns X/LB, Y/B4, and values for various points. Includes values like -.277, -.256, -.234, etc.

Table with columns X/LB, Y/B4, and values for various points. Includes values like .8580, -.107, -.089, etc.

ALPHA( 1 ) = -7.780 BETA( 2 ) = -3.990  
SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

Table with columns X/LB, Y/B4, and values for various points. Includes values like .0870, .0950, .1020, etc.



(R81142)

ORB ATTACH PTS

ARC11-716 IA14 01-T12-S12N25

ALPHA ( 1 ) = -.780     BETA ( 2 ) = -.3330

SECTION ( 1 ) ORB. ATTACH POINTS     DEPENDENT VARIABLE CF

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.1107	-.0885	-.0664	-.0443	-.0221	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8360														
Y/BW	-.4067	-.4122	-.4818	-.4943	-.5522	-.5840									

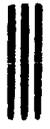

ALPHA ( 1 ) = -.780     BETA ( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS     DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.770	-.748	-.3160	-.3139	-.3093	-.3171	-.3032	-.2894	-.3597	


X/LB     .8580

Y/BW  
-.107     -.3258  
-.085     -.3258  
-.084     -.3458  
-.043     -.3557



ARC11-716 IALKA CUT-1P+12NBS ORB ATTACHMENTS (RB1142)

ALPHA ( 3 ) = -7.760 BETA ( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW
	-0.081
	.000

ALPHA ( 4 ) = -7.760 BETA ( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0930	.1320	.1100	.1260	.1330	.7660	.7960	.8040	.8110	.8190	.8270	.8350	.8900
	-0.877														
	-0.896														
	-0.834														
	-0.813														
	-0.192														
	-0.170														
	-0.149														
	-0.107														
	-0.065														
	-0.064														
	-0.043														
	-0.021														
	.000														

X/LB .8540

Y/BW
-0.107
-0.085
-0.064
-0.043
-0.021
.000



(R8114E)

ORB ATTACH PTS

ARC11-716 IA14 01+T12+812M2

ALPHA (A) = -7.872 BETA (B) = 3.153

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8120	.8190	.8270	.8350	.8430
-.877	-.877															
-.856	-.856															
-.834	-.834															
-.813	-.813															
-.192	-.192															
-.170	-.170															
-.149	-.149															
-.107	-.107															
-.085	-.085															
-.064	-.064															
-.043	-.043															
-.021	-.021															
.000	.000															

X/LB .8580

Y/BW
-.4335
-.4234
-.4600
-.4485
-.4730
-.5275

ALPHA ( B ) = -4.080 BETA ( 1 ) = -8.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8120	.8190	.8270	.8350	.8430
-.877	-.877															
-.856	-.856															
-.834	-.834															
-.813	-.813															
-.192	-.192															
-.170	-.170															
-.149	-.149															
-.107	-.107															
-.085	-.085															
-.064	-.064															
-.043	-.043															
-.021	-.021															
.000	.000															

X/LB .8580

Y/BW
-.3434
-.3536
-.3687
-.3950
-.4181
-.4186
-.4103
-.4423
-.4751
-.5340
-.5015
-.4554
-.4869
-.6365
-.5966
-.4330
-.4965
-.5381
-.5868
-.6228
-.6300
-.5349
-.4762
-.6425



ARC11-718 IA14 01+112+SIGNES  
OR0 ATTACH P.TS (RB114E)

ALPHA0(2) = -4.020 BETA0(1) = -8.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.6580
Y/DB	
- .107	-.4397
- .085	-.4375
- .064	-.3278
- .043	-.3902
- .021	-.6418
.000	-.6480

ALPHA0(2) = -4.030 FA0(2) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0650	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB															
- .277															
- .256															
- .234															
- .213															
- .192															
- .170															
- .149															
- .107															
- .085															
- .064															
- .043															
- .021															
.000															
X/LB	.0870	.0650	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/DB															
- .377															
- .356															
- .334															
- .313															
- .292															
- .270															
- .249															
- .207															
- .185															
- .164															
- .143															
- .121															
.000															

X/LB	.6580
Y/DB	
- .107	-.4153
- .085	-.4183
- .064	-.4851
- .043	-.4987
- .021	-.5473
.000	-.5603



ALPHA ( 2 ) = -4.040 BETA ( 3 ) = .043 (RB1142)

ARC11-716 IAL14-O1718\*SIGNES ORB ATTACH PTS

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8950
Y/OM	-0.277							-0.2677	-0.2703	-0.3027					
	-0.236								-0.2895	-0.3208					
	-0.234								-0.2982	-0.3240					
	-0.213								-0.3027	-0.3270					
	-0.192								-0.3000	-0.3411					
	-0.170								-0.2773	-0.3487					
	-0.149								-0.3446	-0.4192					
	-0.107														
	-0.085														
	-0.084		.0000	.0000	.0000	.0000	.0000								
	-0.043	.0000	.0000	.0000	.0000	.0000	.0000								
	-0.021	.0000	.0000	.0000	.0000	.0000	.0000								
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8950
Y/OM	-0.277							-0.2612	-0.2454	-0.2616					
	-0.236								-0.2552	-0.2693					
	-0.234								-0.2552	-0.2693					
	-0.213								-0.2693	-0.3352					
	-0.192								-0.2612	-0.3003					
	-0.170								-0.2462	-0.3720					
	-0.149														
	-0.107														
	-0.085														
	-0.084		.0000	.0000	.0000	.0000	.0000								
	-0.043	.0000	.0000	.0000	.0000	.0000	.0000								
	-0.021	.0000	.0000	.0000	.0000	.0000	.0000								
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								

ALPHA ( 2 ) = -4.040 BETA ( 4 ) = 4.070

SECTION ( 11)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8950
Y/OM	-0.277														
	-0.236														
	-0.234														
	-0.213														
	-0.192														
	-0.170														
	-0.149														
	-0.107														
	-0.085														
	-0.084		.0000	.0000	.0000	.0000	.0000								
	-0.043	.0000	.0000	.0000	.0000	.0000	.0000								
	-0.021	.0000	.0000	.0000	.0000	.0000	.0000								
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								

(R01142)

ORB ATTACH PTS

ALPHA ( 2 ) = -4.040 BETA ( 4 ) = 4.070

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BW	
	-.107
	-.4116
	-.083
	-.3930
	-.064
	-.4023
	-.043
	-.3981
	-.081
	-.4133
	.000
	-.4279

ALPHA ( 2 ) = -4.040 BETA ( 5 ) = 6.130

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.6870	.0930	.1080	.1100	.1180	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW														
	-.277									-.2548	-.3894	-.4274	-.5140	
	-.236									-.2714	-.3532	-.4340	-.5464	
	-.234								-.2080	-.2642	-.3316	-.4943	-.5648	
	-.213								-.1918	-.2092	-.2642	-.3316	-.4943	
	-.182								-.2284	-.2083	-.2011	-.2686		
	-.170									.0000	-.2543	-.4293	-.6450	-.3928
	-.149									-.2232	-.2922	-.3229	-.6358	-.5141
	-.107									-.3708	-.5990	-.6680	-.4474	
	-.085													-.3387
	-.084									-.4768	-.5451	-.5916	-.5879	-.3308
	-.043									-.4881	-.5264	-.5487	-.5438	-.4871
	-.021									-.4886	-.5121	-.5214	-.4808	-.718
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.4831	-.4718	-.4628	-.4428	-.4374
X/LB	.8580									-.4778	-.4705	-.4378	-.4688	-.5385

X/LB .8580

Y/BW	
	-.107
	-.4943
	-.083
	-.4808
	-.044
	-.4933
	-.043
	-.4794
	-.081
	-.5094
	.000
	-.5337



ALPHA( 3 ) = -.320 BETA( 2 ) = -.020

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0990	.1020	.1100	.1160	.1260	.1330	.7600	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8W															
-.877															
-.856															
-.834															
-.813															
-.792															
-.770															
-.749															
-.727															
-.704															
-.683															
-.661															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8500														
Y/8W															
-.107															
-.085															
-.064															
-.043															
-.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8500														
Y/8W															
-.107															
-.085															
-.064															
-.043															
-.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ALPHA( 3 ) = -.340 BETA( 2 ) = -.010

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0990	.1020	.1100	.1160	.1260	.1330	.7600	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8W															
-.877															
-.856															
-.834															
-.813															
-.792															
-.770															
-.749															
-.727															
-.704															
-.683															
-.661															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8500														
Y/8W															
-.107															
-.085															
-.064															
-.043															
-.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ALPHA( 3 ) = -.340 BETA( 2 ) = -.010

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0990	.1020	.1100	.1160	.1260	.1330	.7600	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/8W															
-.877															
-.856															
-.834															
-.813															
-.792															
-.770															
-.749															
-.727															
-.704															
-.683															
-.661															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8500														
Y/8W															
-.107															
-.085															
-.064															
-.043															
-.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ORIGINAL PAGE IS OF POOR QUALITY

ARC11-716 IA14 OI+TIR+S12N25 DRB ATTACH FTS (RB114Z)

ALPHA( 3 ) = -.340 BETA( 2 ) = -4.010

SECTION ( 1 ) DRB. ATTACH POINTS DEPENDENT VARIABLE CP

Z/LB .6960  
Y/LB  
-.107 -.4123  
-.085 -.4304  
-.064 -.4728  
-.043 -.5169  
-.021 -.5495  
.000 -.5702

ALPHA( 3 ) = -.340 BETA( 3 ) = .050

SECTION ( 1 ) DRB. ATTACH POINTS DEPENDENT VARIABLE CP

Z/LB .0870 .0950 .1080 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
Y/LB  
-.877  
-.856  
-.834  
-.813  
-.792  
-.770  
-.749  
-.727  
-.705  
-.683  
-.661  
-.639  
-.617  
-.595  
-.573  
-.551  
-.529  
-.507  
-.485  
-.463  
-.441  
-.419  
-.397  
-.375  
-.353  
-.331  
-.309  
-.287  
-.265  
-.243  
-.221  
-.199  
-.177  
-.155  
-.133  
-.111  
-.089  
-.067  
-.045  
-.023  
-.001  
-.014  
-.028  
-.042  
-.056  
-.070  
-.084  
-.098  
-.112  
-.126  
-.140  
-.154  
-.168  
-.182  
-.196  
-.210  
-.224  
-.238  
-.252  
-.266  
-.280  
-.294  
-.308  
-.322  
-.336  
-.350  
-.364  
-.378  
-.392  
-.406  
-.420  
-.434  
-.448  
-.462  
-.476  
-.490  
-.504  
-.518  
-.532  
-.546  
-.560  
-.574  
-.588  
-.602  
-.616  
-.630  
-.644  
-.658  
-.672  
-.686  
-.700  
-.714  
-.728  
-.742  
-.756  
-.770  
-.784  
-.798  
-.812  
-.826  
-.840  
-.854  
-.868  
-.882  
-.896  
-.910  
-.924  
-.938  
-.952  
-.966  
-.980  
-.994  
-1.008  
-1.022  
-1.036  
-1.050  
-1.064  
-1.078  
-1.092  
-1.106  
-1.120  
-1.134  
-1.148  
-1.162  
-1.176  
-1.190  
-1.204  
-1.218  
-1.232  
-1.246  
-1.260  
-1.274  
-1.288  
-1.302  
-1.316  
-1.330  
-1.344  
-1.358  
-1.372  
-1.386  
-1.400  
-1.414  
-1.428  
-1.442  
-1.456  
-1.470  
-1.484  
-1.498  
-1.512  
-1.526  
-1.540  
-1.554  
-1.568  
-1.582  
-1.596  
-1.610  
-1.624  
-1.638  
-1.652  
-1.666  
-1.680  
-1.694  
-1.708  
-1.722  
-1.736  
-1.750  
-1.764  
-1.778  
-1.792  
-1.806  
-1.820  
-1.834  
-1.848  
-1.862  
-1.876  
-1.890  
-1.904  
-1.918  
-1.932  
-1.946  
-1.960  
-1.974  
-1.988  
-1.992  
-2.006  
-2.020  
-2.034  
-2.048  
-2.062  
-2.076  
-2.090  
-2.104  
-2.118  
-2.132  
-2.146  
-2.160  
-2.174  
-2.188  
-2.202  
-2.216  
-2.230  
-2.244  
-2.258  
-2.272  
-2.286  
-2.300  
-2.314  
-2.328  
-2.342  
-2.356  
-2.370  
-2.384  
-2.398  
-2.412  
-2.426  
-2.440  
-2.454  
-2.468  
-2.482  
-2.496  
-2.510  
-2.524  
-2.538  
-2.552  
-2.566  
-2.580  
-2.594  
-2.608  
-2.622  
-2.636  
-2.650  
-2.664  
-2.678  
-2.692  
-2.706  
-2.720  
-2.734  
-2.748  
-2.762  
-2.776  
-2.790  
-2.804  
-2.818  
-2.832  
-2.846  
-2.860  
-2.874  
-2.888  
-2.902  
-2.916  
-2.930  
-2.944  
-2.958  
-2.972  
-2.986  
-2.990  
-3.000













(RB114E)

ORB ATTACH PTS

ARC11-716 IA14 O1+T1B+S1BZ5

ALPHA( 5) = 0.070 BETA( 1) = -8.050

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .8580

Y/BW  
 -.107 -.4328  
 -.085 -.4620  
 -.064 -.5110  
 -.043 -.5636  
 -.021 -.5871  
 .000 -.5794

ALPHA( 5) = 0.080 BETA( 2) = -3.990

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0930 .1020 .1100 .1190 .1260 .1330 .7880 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.877  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.148  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

-.2899  
 -.2564  
 -.2675  
 -.2661  
 -.2878

-.2857  
 -.3244  
 -.3484  
 -.3752  
 -.4022  
 -.3684

-.3569  
 -.3649  
 -.3931  
 -.4662  
 -.5300  
 -.5404

-.4593  
 -.4870  
 -.4825  
 -.4984  
 -.5235  
 -.4970

K/LB .8580

Y/BW  
 -.107 -.3985  
 -.085 -.4016  
 -.064 -.4425  
 -.043 -.4839  
 -.021 -.5090  
 .000 -.5251



ARC11-716 IAI4 G1+T1.2+812N25 ORB ATTACH PTS (RB1142)

ALPHA( 3 ) = 7.970 BETA( 3 ) = .050

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877														
	-.858														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.0880														
Y/BW	-.107														
	-.3226														
	-.3238														
	-.3327														
	-.3599														
	-.3639														
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ALPHA( 3 ) = 7.960 BETA( 4 ) = 4.130

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.0880														
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ARC11-716 IA14 OI-T18+S18M25 ORB ATTACH PTS (R81142)

ALPHAO ( 5 ) = 7.840 BETAO ( 4 ) = 4.130

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BW
-.107
-.4454
-.085
-.4172
-.064
-.4226
-.043
-.4140
-.021
-.4228
.000
-.4428

ALPHAO ( 5 ) = 7.840 BETAO ( 5 ) = 6.220

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0950 .1060 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

-.1540
-.1477
-.1587
-.1976
-.1249
-.1529
-.2050
-.2825
-.4170
-.5409
-.1855
-.2636
-.3424
-.4326
-.1976
-.2788
-.3697
-.4678
-.1678
-.2572
-.3594
-.4622
-.2203
-.4605
-.6432
-.5505
-.2849
-.5342
-.6391
-.4705
-.4230
-.5210
-.5743
-.6730
-.5184
-.4265
-.4948
-.5516
-.6203
-.4838
-.4318
-.4777
-.5046
-.4621
-.4933
-.4399
-.4309
-.4500
-.4200
-.4154
-.4246
-.4348
-.4102
-.4304
-.4852
-.5137

X/LB .8560

Y/BW
-.107
-.4845
-.085
-.4805
-.064
-.4817
-.043
-.4486
-.021
-.4643
.000
-.4896



REFERENCE DATA

BASE P 2.4810 98.771 XMPR 2 29.5800 INCHES  
LREF 2 38.7090 INCHES YMPR 2 .0000 INCHES  
BREF 2 38.7090 INCHES ZMPR 2 .0000 INCHES  
SCALE 4 .0300 SCALE

ALPHA ( 1 ) = -7.890 BETA ( 1 ) = -8.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7860	.8040	.8110	.8190	.8270	.8330	.8500
Y/BW															
	-.877														
	-.856														
	-.834														
	-.813														
	-.792														
	-.770														
	-.748														
	-.727														
	-.705														
	-.684														
	-.663														
	-.642														
	-.621														
	-.600														
X/LB	.8580														
Y/BW															
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														

PARAMETRIC DATA

MACH 2 .850 ELEVON 2 .000  
RUDDER 2 .000 SPOBRK 2 .000

ALPHA ( 1 ) = -7.700 BETA ( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7860	.8040	.8110	.8190	.8270	.8330	.8500
Y/BW															
	-.877														
	-.856														
	-.834														
	-.813														
	-.792														
	-.770														
	-.748														
	-.727														
	-.705														
	-.684														
	-.663														
	-.642														
	-.621														
	-.600														
X/LB	.8580														
Y/BW															
	-.417														
	-.416														
	-.385														
	-.369														
	-.360														
	-.374														
	-.540														
	-.451														



(RB1143)

ORB ATTACH PTS

ARC11-718 1A14 O1+T12+S12+S5

ALPHA( 1 ) = -7.780 BETA( 2 ) = -4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8400
Y/BW	-.107														
	-.085														
	-.084														
	-.043	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	-.021	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
K/LB	.8580														
Y/BW															
	-.107	-.4426													
	-.085	-.4334													
	-.084	-.6738													
	-.043	-.8235													
	-.021	-.9864													
	.000	-.6435													

ALPHA( 1 ) = -7.780 BETA( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8400
Y/BW	-.277														
	-.258														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	-.021	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
K/LB	.8580														
Y/BW															
	-.107	-.3808													
	-.085	-.3288													
	-.084	-.3445													
	-.043	-.3365													











DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC 11716 1A13 01-T12+31865 ORB ATTACH PTS (RB1143)

ALPHA ( 8 ) = -3.000 BETA ( 4 ) = 4.000

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BA	
-1.07	-4.466
-0.85	-4.388
-0.64	-4.318
-0.43	-4.218
-0.21	-4.086
.000	-3.942

ALPHA ( 8 ) = -3.800 BETA ( 5 ) = 8.150

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0890 .1020 .1100 .1180 .1260 .1330 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BA													
-2.77													
-2.56													
-2.34													
-2.13													
-1.92													
-1.70													
-1.49													
-1.07													
-0.83													
-0.64													
-0.43													
-0.21													
.000													

X/LB .6580

Y/BA	
-1.07	-4.476
-0.85	-4.482
-0.64	-4.544
-0.43	-4.682
-0.21	-5.003
.000	-5.211

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ARC11-716 IAI4 01+112+512N25 ORB ATTACH PTS (RB1143)

ALPHA( 3 ) = -.510 BETA( 1 ) = -8.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.727	-.706	-.685	-.664	-.643	-.621	-.600	-.579
Y/BW	-.438	-.491	-.544	-.597	-.650	-.703	-.756	-.809	-.862	-.915	-.968	-.1021	-.1053	-.1085	-.1117
X/LB	.8580														

ALPHA( 3 ) = -.330 BETA( 2 ) = -5.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.727	-.706	-.685	-.664	-.643	-.621	-.600	-.579
Y/BW	-.438	-.491	-.544	-.597	-.650	-.703	-.756	-.809	-.862	-.915	-.968	-.1021	-.1053	-.1085	-.1117
X/LB	.8580														

X/LB .8580



(RB1143)

ORB ATTACH PTS

ARC11-710 IA14 01+112+512R23

ALPHA: 3 1 -0.340 BETA: ( 3 ) 2 -5.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0000	.0020	.0100	.0250	.0500	.0750	.1000	.1250	.1500	.1750	.2000	.2250	.2500	.2750	.3000	.3250	.3500	.3750	.4000	.4250	.4500	.4750	.5000	

ALPHA: ( 3 ) 2 -0.340 BETA: ( 3 ) 2 -5.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0000	.0020	.0100	.0250	.0500	.0750	.1000	.1250	.1500	.1750	.2000	.2250	.2500	.2750	.3000	.3250	.3500	.3750	.4000	.4250	.4500	.4750	.5000	

X/LB .0500

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ORIGINAL PAGE IS  
OF POOR QUALITY



(RB1143)

ORB ATTACH PTS

ALPHAO ( 3 ) = -.350 BETAO ( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877														
	-.856														
	-.834														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.8560														

ALPHAO ( 3 ) = -.340 BETAO ( 5 ) = 6.150

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877														
	-.856														
	-.834														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.8560														

ALPHAO ( 3 ) = -.350 BETAO ( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877														
	-.856														
	-.834														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.8560														



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI1A - VOL. 10

ARC11-716 IAI1A 01+T12+S12M25 ORB ATTACH PTS (R81143)

BETA0 ( 1 ) = 3.150

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580  
 Y/BW  
 -.107 -.4418  
 -.085 -.4438  
 -.064 -.4577  
 -.043 -.4579  
 -.021 -.4979  
 .000 -.5983

ALPHA ( 4 ) = 4.150 BETA0 ( 1 ) = -0.090

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0990	.1020	.1100	.1150	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.021	-.0210	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.043	-.0430	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.064	-.0640	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.085	-.0850	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.107	-.1070	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.129	-.1290	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.151	-.1510	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.173	-.1730	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.195	-.1950	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.217	-.2170	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.239	-.2390	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.261	-.2610	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.283	-.2830	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.305	-.3050	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.327	-.3270	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.349	-.3490	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.371	-.3710	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.393	-.3930	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.415	-.4150	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.437	-.4370	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.459	-.4590	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.481	-.4810	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.503	-.5030	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.525	-.5250	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.547	-.5470	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.569	-.5690	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.591	-.5910	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.613	-.6130	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.635	-.6350	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.657	-.6570	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.679	-.6790	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.701	-.7010	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.723	-.7230	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.745	-.7450	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.767	-.7670	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.789	-.7890	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.811	-.8110	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.833	-.8330	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.855	-.8550	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

X/LB .8580  
 Y/BW  
 -.107 -.4189  
 -.085 -.4523  
 -.064 -.6187  
 -.043 -.7133  
 -.021 -.8605  
 .000 -.8040

ARC11-716 IAI4 01-112-51825 ORB ATTACH PTS (R81143)

ALPHA( 4 ) = 4.050 BETA( 2 ) = -4.020

SECTION ( 1 ) ORB, ATTACH POINTS	DEPENDENT VARIABLE CP														
X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277															
-.286															
-.294															
-.213															
-.192															
-.170															
-.149															
-.107															
-.083															
-.064															
-.043															
-.021															
.000															
X/LB	.8560														
Y/BW															
-.107															
-.4275															
-.4271															
-.064															
-.4824															
-.043															
-.3239															
-.021															
-.5618															
-.5812															

ALPHA( 4 ) = 4.050 BETA( 3 ) = .030

SECTION ( 1 ) ORB, ATTACH POINTS	DEPENDENT VARIABLE CP														
X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-.277															
-.286															
-.294															
-.213															
-.192															
-.170															
-.149															
-.107															
-.083															
-.064															
-.043															
-.021															
.000															
X/LB	.8560														
Y/BW															
-.107															
-.4275															
-.4271															
-.064															
-.4824															
-.043															
-.3239															
-.021															
-.5618															
-.5812															





ARC11-716 IA14 OI\*112+S12N25 ORB ATTACH FIS (RB1143)

ALPHA( 4 ) = 4.150 BETA( 5 ) = 6.190

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.877														
	-.836														
	-.834														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.045														
	-.021														
	.000														
X/LB	.8560														
Y/BW															
	-.107														
	-.4323														
	-.085														
	-.064														
	-.045														
	-.021														
	.000														

ALPHA( 5 ) = 6.040 BETA( 1 ) = -6.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.877														
	-.836														
	-.834														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.045														
	-.021														
	.000														
X/LB	.8560														
Y/BW															
	-.877														
	-.836														
	-.834														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.045														
	-.021														
	.000														



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10

(RB1143)

ORB ATTACH PTS

ARC11-716 IAL14 01-112-912M25

ALPHA( 1 ) = 0.040 BETA( 1 ) = -5.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6580

Y/BW	-1.107	-1.4244
	-1.085	-1.4591
	-1.064	-1.5150
	-1.043	-1.5905
	-1.021	-1.6582
	-1.000	-1.7650

ALPHA( 2 ) = 0.010 BETA( 2 ) = -4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1350

Y/BW	-1.277	-1.296	-1.234	-1.213	-1.192	-1.170	-1.149	-1.107	-1.085	-1.064	-1.043	-1.021	-1.000
	-1.2336	-1.2734	-1.2787	-1.2326	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328
	-1.2634	-1.2734	-1.2787	-1.2326	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328
	-1.2237	-1.2336	-1.2787	-1.2326	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328	-1.2328

X/LB .6580

Y/BW	-1.107	-1.4114	-1.085	-1.4190	-1.064	-1.4636	-1.043	-1.5068	-1.021	-1.5558	-1.000	-1.5397
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ARC11-710 IAL14 01+112+312N25 ORB ATTACH PTS (R81143)

ALPHAO ( 3 ) = 6.010 BETAO ( 3 ) = .030

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.877														
	-.836														
	-.834														
	-.813														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB															
	-.2293														
	-.2572														
	-.2647														
	-.2760														
	.0000														
	-.3077														
	-.2914														
	-.2997														
	-.3049														
	-.2983														
	-.3103														
	-.3005														

X/LB .8360

Y/BW

	-.107	-.3734
	-.085	-.3659
	-.064	-.4118
	-.043	-.4070
	-.021	-.4381
	.000	-.4838

ALPHAO ( 3 ) = 6.000 BETAO ( 4 ) = 4.130

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.877														
	-.836														
	-.834														
	-.813														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB															
	-.1229														
	-.1372														
	-.2854														
	-.1378														
	-.1418														
	-.1684														
	-.2270														
	-.3987														
	-.4039														
	-.3965														
	-.4035														
	-.3878														

X/LB .8360





ARC11-716 IATA OL112+912483

ORB ATTACH PTS

(R01144) ( 15 FEB 74 )

REFERENCE DATA

BREF = 2.4210 SQ.FT. XMRP = 29.5800 INCHES  
LREF = 30.7090 INCHES YMRP = .0000 INCHES  
BREF = 30.7090 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

MACH = .900 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

ALPHA( 1 ) = -7.970 BETA( 1 ) = -6.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877										-.4282	-.4411	-.4452	-.4360	
	-.856										-.4640	-.4911	-.4818	-.4807	
	-.834										-.5076	-.5621	-.5265	-.4839	
	-.813										-.5956	-.4102	-.5923		
	-.182										-.5644	-.7991	-.7552	-.4755	
	-.170										-.5106	-.8506	-.1.0440	-.5531	
	-.149										-.3660	-.7908	-.1.0470	-.6544	
	-.107														-1.0320
	-.085										-.2225	-.3804	-.6138	-.8069	-.8899
	-.064										-.2522	-.3502	-.4917	-.7141	-.5187
	-.043										-.2655	-.3371	-.4106	-.6545	-.7356
	-.021										-.3009	-.3403	-.3502	-.6253	-.7581
	.000										-.3158	-.3705	-.2995	-.5538	-.7474

X/LB .6580

Y/BW	-.107	-.5997	-.685	-.7814	-.064	-1.0100	-.043	-.8581	-.021	-.8588	.000	-.8057

ALPHA( 2 ) = -7.060 BETA( 2 ) = -4.000

SECTION ( 2 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.877										-.4282	-.4561	-.4643	-.4546	
	-.856										-.4554	-.4972	-.4908	-.4688	
	-.834										-.4842	-.5433	-.5163	-.4852	
	-.813										-.5215				
	-.192										-.5390	-.7512	-.5887	-.4922	
	-.170										-.5131	-.7993	-.7388	-.4888	
	-.149										-.4084	-.7787	-.9274	-.5074	



DATE OF JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1144)

ORB ATTACH PTS

ARC11-716 IA14 OL+T18+S12N25

ALPHA ( 1 ) = -7.940 BETA ( 3 ) = .050

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0870	.0920	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.085	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.064	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.043	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.021	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8500	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8384	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8344	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8334	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8247	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8245	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8787	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.277	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.256	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.234	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.213	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.192	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.170	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.148	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.107	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.085	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.064	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.043	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.021	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8500	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8384	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8344	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8334	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8247	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8245	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
.8787	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

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ALPHA( 1 ) = -7.960 BETA( 3 ) = .050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560  
Y/LB  
-.081  
.000 -4153

ALPHA( 1 ) = -7.970 BETA( 4 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB															
-.877															
-.856															
-.834															
-.813															
-.792															
-.770															
-.749															
-.727															
-.705															
-.684															
-.663															
-.641															
-.620															
-.600															
-.580															
-.560															
-.540															
-.520															
-.500															
-.480															
-.460															
-.440															
-.420															
-.400															
-.380															
-.360															
-.340															
-.320															
-.300															
-.280															
-.260															
-.240															
-.220															
-.200															
-.180															
-.160															
-.140															
-.120															
-.100															
-.080															
-.060															
-.040															
-.020															
.000															

X/LB .8580  
Y/LB  
-.107  
-.085  
-.064  
-.043  
-.021  
-.000



ALPHAO (1) = -0.000 BETA0 (5) = 8.170

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1100	.1250	.1330	.7880	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/B	-.877	-.856	-.834	-.812	-.804	-.788	-.778	-.758	-.748	-.738	-.728	-.718	-.708	-.698	-.688
Y/B															
X/LB	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Y/B															
X/LB	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Y/B															

X/LB .8580

Y/B	-.107	-.4426	-.085	-.4230	-.064	-.4369	-.043	-.4667	-.021	-.5172	.000	-.6471
-----	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	------	--------

ALPHAO (2) = -4.070 BETA0 (1) = -0.080

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1100	.1260	.1330	.7880	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/B	-.877	-.856	-.834	-.812	-.804	-.788	-.778	-.758	-.748	-.738	-.728	-.718	-.708	-.698	-.688
Y/B															
X/LB	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Y/B															
X/LB	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Y/B															

X/LB .8580



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(RB1144)

ORB ATTACH PTS

ARC 1-715 1A14 01+712+312M25

ALPHA ( 2 ) = -4.070 BETA ( 1 ) = -0.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BW  
 -.107 -.5627  
 -.085 -.8071  
 -.064 -.9880  
 -.043 -.9192  
 -.021 -.8148  
 .000 -.7345

ALPHA ( 2 ) = -3.970 BETA ( 2 ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

-.3678 -.4114 -.4356 -.4307  
 -.4032 -.4442 -.4712 -.4483  
 -.4296 -.4980 -.5051 -.4677  
 -.4604  
 -.4831 -.6742 -.5714 -.4766  
 -.4591 -.7470 -.7687 -.4527  
 -.3683 -.7220 -.9013 -.4664  
 -.6223  
 -.2788 -.4267 -.6299 -.7884 -.8109  
 -.2974 -.3956 -.5299 -.6993 -.7873  
 -.2991 -.3730 -.4523 -.6358 -.7081  
 -.3225 -.3663 -.3664 -.5981 -.6824  
 -.3274 -.3808 -.3375 -.5231 -.6604

X/LB .8560

Y/BW  
 -.107 -.4109  
 -.085 -.4287  
 -.064 -.5327  
 -.043 -.6835  
 -.021 -.6837  
 .000 -.6436



ARC11-716 1A14 01112+012N25 ORB ATTACH PTS (R01144)

ALPHA ( 2 ) = -3.980 BETA ( 3 ) = 0.500

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500	
Y/BW																
	-0.877										-0.2520	-0.3061	-0.3410	-0.3809		
	-0.256										-0.2731	-0.3270	-0.3579	-0.3743		
	-0.234									-0.2116	-0.2405	-0.2922	-0.3340	-0.3896		
	-0.213									-0.1980	-0.2115	-0.2585	-0.3103			
	-0.192										-0.2124	-0.2600	-0.3203	-0.3937	-0.4082	-0.3774
	-0.170										-0.2238	-0.3440	-0.4752	-0.4462	-0.3810	
	-0.149											-0.3175	-0.5325	-0.4678	-0.3548	
	-0.107															
	-0.085															
	-0.064															
	-0.043															
	-0.021															
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500	

ALPHA ( 2 ) = -3.980 BETA ( 4 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-0.877														
	-0.256														
	-0.234														
	-0.213														
	-0.192														
	-0.170														
	-0.149														
	-0.107														
	-0.085														
	-0.064														
	-0.043														
	-0.021														
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500

ALPHA ( 2 ) = -3.980 BETA ( 4 ) = 4.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-0.877														
	-0.256														
	-0.234														
	-0.213														
	-0.192														
	-0.170														
	-0.149														
	-0.107														
	-0.085														
	-0.064														
	-0.043														
	-0.021														
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500

(RB1144)

ORB ATTACH PTS

ARC11-716 IAI. OI+T12+S12N25

ALPHA( 8 ) = -3.920 BETA( 4 ) = 4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BW	
-.107	-.4423
-.088	-.4410
-.064	-.4711
-.043	-.4845
-.021	-.5116
.000	-.5339

ALPHA( 2 ) = -3.930 BETA( 8 ) = 8.150

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Y/BW															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.065															
-.064															
-.043															
-.021															
.000															

X/LB .8560

Y/BW	
-.107	-.4272
-.085	-.3984
-.064	-.4137
-.043	-.4316
-.021	-.4687
.000	-.5931



DATE 09 MAR 73 TABULATED PRESSURE DATA - IAL14A - VOL. 10

ARC11-716 IAL14 DS-T12+SIEN2 ORB ATTACH PTS (RB1144)

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.877															
-1.836															
-1.834															
-1.813															
-1.192															
-1.170															
-1.149															
-1.107															
-1.083															
-1.064															
-1.042															
-1.021															
-1.000															
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.877															
-1.836															
-1.834															
-1.813															
-1.192															
-1.170															
-1.149															
-1.107															
-1.083															
-1.064															
-1.042															
-1.021															
-1.000															

ALPHA ( 3 ) = -.320 BETA ( 2 ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.107															
-1.083															
-1.064															
-1.043															
-1.021															
-1.000															
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.877															
-1.836															
-1.834															
-1.813															
-1.192															
-1.170															
-1.149															
-1.107															
-1.083															
-1.064															
-1.043															
-1.021															
-1.000															

X/LB .8500

(RB1144)

ORB ATTACH PTS

ARC11-716 IAI4 01+T12+S12M25

ALPHA ( 3 ) = -.320 BETA ( 2 ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW

-.107 -.4313

-.085 -.4911

-.064 -.6714

-.043 -.7783

-.021 -.7246

.000 -.6579

ALPHA ( 3 ) = -.320 BETA ( 3 ) = .050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.277

-.256

-.234

-.213

-.192

-.170

-.149

-.107

-.085

-.064

-.043

-.021

.000

-.1876

-.2031

-.2033

-.2296

-.2318

-.2374

-.3069

-.3422

-.3574

-.3763

-.3565

-.3256

-.3277

-.3143

-.3277

-.3223

-.2555

-.2895

-.3619

-.4006

-.4261

-.5261

-.5994

-.6620

-.4830

-.4505

-.4204

-.5309

-.3979

-.3974

-.3924

-.4237

-.4673

-.5926

-.6271

-.7253

-.6883

-.6112

-.6376

-.4233

-.3867

-.4420

-.4861

-.5119

-.3145

-.3145

-.7588

-.7178

-.6282

-.6671

-.6767

-.6581

-.7175

X/LB .8580

Y/BW

-.107 -.4800

-.085 -.3953

-.064 -.4138

-.043 -.4474

-.021 -.4897

.000 -.5642





(RB1144)

ORB ATTACH PTS

ARC11-716 IA14 01+712+812M25

ALPHA( 3 ) = -.330 BETA( 5 ) = 0.150

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6360

Y/BW

-.107 -.4174  
 -.065 -.4013  
 -.064 -.4105  
 -.043 -.4291  
 -.021 -.4633  
 .000 -.5632

ALPHA( 4 ) = 4.200 BETA( 1 ) = -0.100

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1190 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW

-.277  
 -.236  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.065  
 -.064  
 -.043  
 -.021  
 .000

-.2378  
 -.2269  
 -.2914  
 -.3032  
 -.3933  
 -.4166  
 .0000  
 -.2201  
 -.3607  
 -.6714  
 -.8013  
 -.4991  
 -.2562  
 -.6050  
 -.0844  
 -.7848  
 -.1866  
 -.3071  
 -.5109  
 -.6999  
 -.8946  
 -.2198  
 -.2915  
 -.4163  
 -.6174  
 -.7051  
 -.2297  
 -.2964  
 -.3334  
 -.5581  
 -.8260  
 -.2631  
 -.3075  
 -.2930  
 -.5667  
 -.6077  
 -.2718  
 -.3300  
 -.3368  
 -.5384  
 -.5285

-.3278  
 -.3763  
 -.3948  
 -.3990  
 -.2981  
 -.3641  
 -.4183  
 -.4381  
 -.4228  
 -.4764  
 -.5022  
 -.4403  
 -.7193  
 -.4468  
 -.8813  
 -.4991  
 -.0844  
 -.7848  
 -.6999  
 -.8946  
 -.6174  
 -.7051  
 -.5581  
 -.5667  
 -.5384  
 -.5285

X/LB .6560

Y/BW

-.107 -.5168  
 -.065 -.7679  
 -.064 -.8657  
 -.043 -.8091  
 -.021 -.7133  
 .000 -.6229



ORB ATTACH PTS (RB1144)

ALPHAC ( 4 ) = 4.190 BETA0 ( 2 ) = -4.320

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8930
Y/84															
-277															
-256															
-234															
-213															
-192															
-170															
-149															
-107															
-085															
-064															
-043															
-021															
.000															
X/LB															
.8580															

ALPHAC ( 4 ) = 4.040 BETA0 ( 3 ) = .040

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8930
Y/84															
-277															
-256															
-234															
-213															
-192															
-170															
-149															
-107															
-085															
-064															
-043															
-021															
.000															
X/LB															
.8580															

X/LB .8580



ALPHA( 4 ) = 4.100 BETA( 3 ) = .040

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0580

Y/BW  
 -.107 -.4866  
 -.089 -.4119  
 -.064 -.3314  
 -.043 -.2431  
 .021 -.1526  
 .000 -.0622

ALPHA( 4 ) = 4.100 BETA( 4 ) = 4.110

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0670 .0950 .1020 .1100 .1180 .1260 .1330 .7660 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW  
 -.877  
 -.296  
 -.234  
 -.213  
 -.192  
 -.170  
 -.148  
 -.107  
 -.095  
 -.064  
 -.043  
 -.021  
 .000  
 -.0778  
 -.0697  
 -.0684  
 -.0599  
 -.0527  
 -.0523  
 -.1934  
 -.3881  
 -.3987  
 -.3980  
 -.4086  
 -.4000  
 -.0517  
 -.0466  
 -.0381  
 .0000  
 -.0523  
 -.1467  
 -.1394  
 -.1805  
 -.0939  
 -.2993  
 -.4212  
 -.5456  
 -.5820  
 -.5673  
 -.5330  
 -.4919  
 -.4745  
 -.2360  
 -.4021  
 -.4893  
 -.7439  
 -.8537  
 -.8672  
 -.4868  
 -.4481  
 -.4680  
 -.5575  
 -.4702  
 -.5118  
 -.6293  
 -.3265  
 -.4893  
 -.7439  
 -.8537  
 -.8672  
 -.4868  
 -.4481  
 -.4680  
 -.5575  
 -.4702  
 -.5118  
 -.6293  
 -.3265

X/LB .0580

Y/BW  
 -.107 -.4365  
 -.089 -.3582  
 -.064 -.2709  
 -.043 -.1836  
 .021 -.0962  
 .000 -.0088





(RB1144)

ORB ATTACH PTS

ARC11-716 IA14 01+T12+S12N25

ALPHA( 5 ) = 8.040 BETA( 1 ) = -8.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8380

T/BW	
-.107	-.4848
-.089	-.8248
-.064	-.7783
-.043	-.7376
-.021	-.6338
.000	-.6110

ALPHA( 5 ) = 7.880 BETA( 2 ) = -4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0470 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

T/BW														
-.877														
-.836														
-.834														
-.813														
-.142														
-.170														
-.148														
-.107														
-.085														
-.064														
-.043														
-.021														
-.300														

X/LB .8580

T/BW	
-.107	-.4830
-.089	-.4899
-.064	-.5860
-.043	-.8712
-.021	-.6433
.000	-.6082



LABORATED PRESSURE DATA

(RB1144)

ORB ATTACH PTS

ALPHA (S)	BETA (S)	ORBITAL PERIOD (S)	ORBITAL VELOCITY (M/S)	ORBITAL ACCELERATION (M/S <sup>2</sup> )	ORBITAL ENERGY (J)	ORBITAL MASS (KG)	ORBITAL DENSITY (KG/M <sup>3</sup> )
-1.877	-1.877	0.0870	0.0950	0.0200	0.0000	0.0000	0.0000
-1.234	-1.234	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.413	-1.413	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.182	-1.182	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.170	-1.170	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.107	-1.107	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.085	-1.085	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.064	-1.064	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.043	-1.043	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.021	-1.021	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.000	-1.000	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000

ALPHA (S)	BETA (S)	ORBITAL PERIOD (S)	ORBITAL VELOCITY (M/S)	ORBITAL ACCELERATION (M/S <sup>2</sup> )	ORBITAL ENERGY (J)	ORBITAL MASS (KG)	ORBITAL DENSITY (KG/M <sup>3</sup> )
-1.107	-1.107	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.085	-1.085	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.064	-1.064	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.043	-1.043	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.021	-1.021	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.000	-1.000	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000

ALPHA (S)	BETA (S)	ORBITAL PERIOD (S)	ORBITAL VELOCITY (M/S)	ORBITAL ACCELERATION (M/S <sup>2</sup> )	ORBITAL ENERGY (J)	ORBITAL MASS (KG)	ORBITAL DENSITY (KG/M <sup>3</sup> )
-1.107	-1.107	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.085	-1.085	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.064	-1.064	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.043	-1.043	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.021	-1.021	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000
-1.000	-1.000	0.1299	0.1645	0.0312	0.0000	0.0000	0.0000

ARC11-716 IAL4 01-112-812883

ORB ATTACH PTS

1811440

ALPHA( 5 ) = 0.020 BETA( 4 ) = 4.130

SECTION ( 11 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .8580

Y/BW	
-1.107	-1.4882
-0.893	-1.4373
-0.664	-1.4892
-0.443	-1.5223
-0.221	-1.5633
0.000	-1.5894

ALPHA( 5 ) = 0.080 BETA( 5 ) = 0.230

SECTION ( 11 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

R/LB .0870 .0950 .1020 .1100 .1180 .1240 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-1.277														
-1.258														
-1.234														
-1.213														
-1.192														
-1.170														
-1.148														
-1.107														
-0.893														
-0.664														
-0.443														
-0.221														
0.000														
0.221														
0.443														
0.664														
0.893														
1.107														
1.148														
1.170														
1.192														
1.213														
1.234														
1.258														
1.277														

R/LB .8580

Y/BW	
-1.107	-1.3380
-0.893	-1.4311
-0.664	-1.4302
-0.443	-1.4399
-0.221	-1.4814
0.000	-1.5149



PARAMETRIC DATA

SKEF = 2.4810 SQ.FT. XMRP = 29.5800 INCHES MACH = .950 ELEVON = .000  
 LREF = 38.7090 INCHES XMRP = .0000 INCHES RUDDER = .000 SPDRBK = .000  
 BRP = 38.7090 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHA( 1 ) = -7.870 BETA( 1 ) = -6.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-0.877														
	-0.856														
	-0.834														
	-0.813														
	-0.792														
	-0.770														
	-0.749														
	-0.727														
	-0.705														
	-0.684														
	-0.663														
	-0.641														
	-0.620														
	-0.600														
X/LB															
Y/BW															
	-0.107														
	-0.085														
	-0.064														
	-0.043														
	-0.021														
	-0.000														

X/LB .8990

Y/BW  
 -0.107  
 -0.085  
 -0.064  
 -0.043  
 -0.021  
 .000  
 -0.8771

ALPHA( 1 ) = -7.770 BETA( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-0.877														
	-0.856														
	-0.834														
	-0.813														
	-0.792														
	-0.770														
	-0.749														
	-0.727														
	-0.705														
	-0.684														
	-0.663														
	-0.641														
	-0.620														
	-0.600														

ORIGINAL PAGE IS OF POOR QUALITY

ARC11-716 IA14 01+T12+S12N25 ORB ATTACH PTS (RB1145)

ALPHA ( 1 ) = -7.770 BETA ( 2 ) = -4.010

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.107														
	-.085			.0000	.0000	.0000	.0000								
	-.044	.0000	.0000	.0000	.0000	.0000	.0000								
	-.043	.0000	.0000	.0000	.0000	.0000	.0000								
	-.021	.0000	.0000	.0000	.0000	.0000	.0000								
	.000	.0000	.0000	.0000	.0000	.0000	.0000								
X/LB	.8580														
Y/BW	-.107	-.6651													
	-.085	-.8455													
	-.064	-.9423													
	-.043	-.9449													
	-.021	-.9169													
	.000	-.8628													

ALPHA ( 1 ) = -7.760 BETA ( 3 ) = .040

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.8580														
Y/BW	-.107	-.5336													
	-.085	-.6833													
	-.064	-.7708													
	-.043	-.9202													





(RB1145)

ORB ATTACH PTS

ALPHA( 1 ) = -7.930 BETA( 5 ) = 8.180

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.727	-.705	-.683	-.661	-.639	-.617	-.595	-.573
X/LB	.6380														

X/LB .6380

Y/LB	-.107	-.085	-.064	-.043	-.021	.000
X/LB	-.6066	-.5734	-.5251	-.4810	-.4386	-.6280

ALPHA( 2 ) = -4.020 BETA( 1 ) = -9.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.727	-.705	-.683	-.661	-.639	-.617	-.595	-.573
X/LB	.6380														

X/LB .6380



ARC11-716 IAL4 OL+T12+S12MS ORB ATTACH PTS (RB1145)

ALPHA( 2 ) = -4.085 BETA( 1 ) = -0.060

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.6580	.7960	.8040	.8110	.8190	.8270	.8330	.8500
-1.07	-.0397								
-1.08	-.9114								
-1.064	-.9128								
-1.043	-.9130								
-1.021	-.8959								
.000	-.8473								
ALPHA( 2 ) = -3.960 BETA( 2 ) = -4.030									

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0670	.0950	.1080	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8330	.8500
-1.277																
-1.256																
-1.234																
-1.213																
-1.192																
-1.170																
-1.149																
-1.107																
-1.085																
-1.064																
-1.043																
-1.021																
.000																
ALPHA( 2 ) = -3.960 BETA( 2 ) = -4.030																

X/LB .6580

Y/LB	-.5661	-.7820	-.9138	-.8905	-.8314	-.7816
-1.107						
-1.085						
-1.064						
-1.043						
-1.021						
.000						



ARC11-716 IAI4 01+112+312E25

ORB ATTACH PTS (R81145)

ALPHA( 2 ) = -3.870 BETA( 3 ) = .010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BM															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

X/LB .8500

Y/BM
-.107
-.253
-.085
-.4272
-.064
-.5225
-.043
-.7375
-.021
-.8040
.000
-.7964

ALPHA( 2 ) = -3.940 BETA( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0990	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BM															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

X/LB .8500

Y/BM
-.1078
-.0309
-.1010
-.8032
-.3399
-.1268
-.2683
-.4436
-.0033
-.0056
-.0157
-.0342
-.0500
-.0483
-.2710
-.5454
-.7584
-.8974
-.0921
-.4103
-.7336
-.8928
-.9899
-.0348
-.4054
-.6127
-.8461
-.9416
-.9808
-.4206
-.5622
-.7632
-.8652
-.8354
-.4221
-.5523
-.7025
-.7679
-.8756
-.4364
-.5258
-.6400
-.6372
-.8115
-.4289
-.5152
-.5411
-.7886
-.7283



TABLATED PRESSURE DATA - IA14A - VOL. 10

DATE 09 JAN 75

(RB1145)

ORB ATTACH PTS

ARC11-716 IA14 01+112+12N25

ALPHA( 2 ) = -3.940 BETA( 4 ) = 4.090

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/LB  
 -.107  
 -.4412  
 -.065  
 -.4626  
 -.064  
 -.4719  
 -.045  
 -.5269  
 -.021  
 -.7056  
 .000  
 -.7482

ALPHA( 2 ) = -3.990 BETA( 5 ) = 8.170

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7950 .8040 .8110 .8190 .8270 .8350 .8500

Y/LB  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.137  
 -.085  
 -.064  
 -.045  
 -.021  
 .000  
 .0655  
 .0725  
 .0383  
 .0371  
 .2026  
 .3778  
 .0450  
 .0899  
 .0344  
 .0179  
 .0551  
 .0304  
 .2033  
 .4851  
 .6601  
 .8485  
 .9864  
 .6823  
 .9014  
 .9921  
 .6103  
 .5443  
 .8376  
 .4388  
 .3745  
 .6145  
 .6398  
 .4934

X/LB .8580

Y/LB  
 -.107  
 -.4295  
 -.065  
 -.4786  
 -.064  
 -.4188  
 -.045  
 -.3955  
 -.021  
 -.4251  
 .000  
 -.5670

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(RB1145)

ORB ATTACH PTS

ARC11-716 IA14 01+T12+S12+S5

ALPHA ( 3 ) = -.380 BETA ( 2 ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

A/LB .8560

Y/B	
-.107	-.6723
-.088	-.8404
-.064	-.9021
-.043	-.8951
-.021	-.9586
.000	-.7965

ALPHA ( 3 ) = -.330 BETA ( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

A/LB .0870

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/B															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.149															
-.107															
-.081															
-.064															
-.043															
-.021															
.000															

A/LB .8560

Y/B	
-.107	-.4978
-.085	-.4484
-.064	-.5302
-.043	-.8788
-.021	-.7415
.000	-.7246

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ALPHAO( 4) = 4.830 BETAO ( 2) = -4.030

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0470	.0980	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8900
T/MB															
- .877															
- .866															
- .834															
- .813															
- .192															
- .170															
- .149															
- .107															
- .083															
- .064															
- .043															
- .021															
.000															

X/LB .8360

T/MB
- .107
- .088
- .064
- .043
- .021
.000

ALPHAO( 4) = 4.150 BETAO ( 3) = .010

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0470	.0980	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8900
T/MB															
- .877															
- .866															
- .834															
- .813															
- .192															
- .170															
- .149															
- .107															
- .083															
- .064															
- .043															
- .021															
.000															

X/LB .8360





ALPHA( 1 ) = 8.150 BETA( 1 ) = -8.090

SECTION ( 1 ) ORB ATTACH POINTS	DEPENDENT VARIABLE CP
K/LB	.0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500
Y/BW	
-277	-2874
-296	-3100
-294	-4005
-213	-4544
-192	-5199
-170	-6494
-148	-7401
-107	-8326
-085	-8516
-064	-8621
-045	-8636
-021	-8651
.000	-8666

ALPHA( 2 ) = 8.150 BETA( 2 ) = -4.030

SECTION ( 1 ) ORB ATTACH POINTS	DEPENDENT VARIABLE CP
K/LB	.0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500
Y/BW	
-107	-8007
-085	-8480
-064	-8953
-045	-9426
-021	-9899
.000	-10372

ALPHA( 3 ) = 8.150 BETA( 3 ) = -4.030

SECTION ( 1 ) ORB ATTACH POINTS	DEPENDENT VARIABLE CP
K/LB	.0870 .0950 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8500
Y/BW	
-277	-28047
-296	-28173
-294	-28302
-213	-28431
-192	-28560
-170	-28689
-148	-28818
-107	-28947
-085	-29076
-064	-29205
-045	-29334
-021	-29463
.000	-29592



(RB1145)

ORB ATTACH PTS

ARC11-716 IAI14 01+T12+S12H25

ALPHA ( S ) = 0.150 BETA ( S ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPEND: VARIABLE CP

X/LB	Y/BW	.0580	.040	.040	.1100	.1000	.1330	.7800	.7980	.0040	.0110	.0180	.0270	.0350	.0500
-1.107	-.6382														
-.045	-.7861														
-.064	-.8370														
-.043	-.8189														
-.021	-.7423														
.000	-.7005														

ALPHA ( S ) = 0.140 BETA ( S ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPEND: VARIABLE CP

X/LB	Y/BW	.0670	.0950	.1020	.1100	.1160	.1260	.7800	.7980	.0040	.0110	.0180	.0270	.0350	.0500
-1.107	-.877														
-.256	-.826														
-.234	-.813														
-.192	-.792														
-.170	-.780														
-.149	-.769														
-.137	-.760														
-.085	-.735														
-.064	-.724														
-.043	-.713														
-.021	-.702														
.000	-.691														

X/LB .0590

SECTION ( 1 ) ORB. ATTACH POINTS DEPEND: VARIABLE CP

X/LB	Y/BW	.0590	.0590	.0590	.0590	.0590	.0590	.0590	.0590	.0590	.0590	.0590	.0590	.0590	.0590
-1.107	-.9342														
-.085	-.9757														
-.064	-.9181														
-.043	-.9039														
-.021	-.8857														
.000	-.8730														

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(RB1149)

ORB ATTACH PTS

ARC11-716 1A14 01+T112+S12M25

BETA0 ( 5) = 6.270

ALPHA0 ( 5) = 0.180

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/UB .0560

Y/SW

- .107 - .3597
- .005 - .4638
- .064 - .4197
- .043 - .3948
- .021 - .4176
- .000 - .5125

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(RB1146)

ORB ATTACH PTS

ARC11-716 IA14 OI\*TI\*SI\*EN\*E

ALPHA( 1 ) = -7.960 BETA( 2 ) = -4.022

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.107			.0000	.0000	.0000	.0000	.0000							
	-.083			.0000	.0000	.0000	.0000	.0000							
	-.064			.0000	.0000	.0000	.0000	.0000							
	-.043			.0000	.0000	.0000	.0000	.0000							
	-.021			.0000	.0000	.0000	.0000	.0000							
	.000			.0000	.0000	.0000	.0000	.0000							
X/LB	.8560														
Y/BW	-.107														
	-.083														
	-.064														
	-.043														
	-.021														
	.000														

X/LB .8560

Y/BW	-.107	-.2448
	-.083	-.9054
	-.064	-.8960
	-.043	-.9056
	-.021	-.9137
	.000	-.8758

ALPHA( 1 ) = -7.960 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.877														
	-.856														
	-.834														
	-.813														
	-.792														
	-.770														
	-.749														
	-.727														
	-.706														
	-.684														
	-.663														
	-.641														
	-.620														
	-.600														
X/LB	.8560														
Y/BW	-.877														
	-.856														
	-.834														
	-.813														
	-.792														
	-.770														
	-.749														
	-.727														
	-.706														
	-.684														
	-.663														
	-.641														
	-.620														
	-.600														

X/LB .8560

Y/BW	-.107	-.7067
	-.083	-.8404
	-.064	-.8163
	-.043	-.8949

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DATE OF JAN 79 TABULATED PRESSURE DATA - IAI14 - VOL. 1C

ARC11-716 IAI14 OI+T12+S12N25 ORB ATTACH PTS (RB1148)

ALPHA(1) = -7.980 BETA(1) = 6.190

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.9850	.1300	.1100	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8180	.8270	.8350	.8500
-.277	.0574	-.0071	-.0874	-.1819												
-.258	.0316	-.0234	-.1223	-.2591												
-.234	.0522	-.0462	-.1917	-.3630												
-.213	.0518															
-.192	.0400	-.2047	-.4781	-.6873												
-.170	.0825	-.0178	-.3623	-.8519												
-.149	-.1372	-.5412	-.6680	-.9788												
-.107	-.4265	-.5511	-.9018	-1.0180												
-.085	-.4474	-.6346	-.8263	-.9431												
-.064	-.4648	-.6066	-.7574	-.8667												
-.043	-.4852	-.5816	-.7093	-.8873												
-.021	-.4865	-.5753	-.6423	-.7678												
.000																

X/LB .8580

Y/BW	-.107	-.7123	-.085	-.8027	-.064	-.5789	-.043	-.5490	-.021	-.6331	.000	-.7329

ALPHA(2) = -3.920 BETA(2) = -8.060

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.277	-.3361	-.4073	-.4319	-.4476												
-.256	-.3009	-.3730	-.4663	-.5103												
-.234	-.2463	-.3017	-.4044	-.5363												
-.213	-.2359	-.2917	-.4295													
-.192	-.2180	-.2359	-.2917	-.4295												
-.170	-.1920	-.2359	-.2917	-.4295												
-.149	-.2342	-.6324	-.9283	-1.0010												
-.107	-.1065	-.2353	-.4556	-.6319												
-.085	-.1390	-.2141	-.3450	-.5347												
-.064	-.1524	-.2111	-.2748	-.4871												
-.043	-.1864	-.2221	-.2801	-.5838												
-.021	-.1996	-.2476	-.3237	-.5099												
.000																

X/LB .8580

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ORB ATTACH PTS

(RB1148)

ARC11-716 IAI4 01+112+312N25

ALPHA( 2 ) = -3.980 BETA ( 1 ) = -8.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.6580
Y/BW	
-.107	-.9554
-.065	-.8648
-.084	-.8604
-.043	-.8549
-.021	-.8195
.000	-.7901

ALPHA( 2 ) = -3.980 BETA ( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1080	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.148															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

X/LB	.6580
Y/BW	
-.107	-.8386
-.045	-.6996
-.064	-.6754
-.043	-.6754
-.021	-.6608
.000	-.6101



DATE 09 JAN 72 FABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 OI+TIP+S1EM25 ORB ATTACH PTS (R81146)

ALPHAO ( 2 ) = -3.850 BETAO ( 3 ) = .020

SECTION ( 1 ) ORB. ATTACH POINTS	DEPENDENT VARIABLE CP		
X/LB	.0870	.1021	.1100
Y/LB	.0650	.1021	.1100
-0.277			
-0.256			
-0.234			
-0.215			
-0.192			
-0.170			
-0.149			
-0.107			
-0.085			
-0.064			
-0.043			
-0.021			
.000			
-0.1908			
-0.1639			
-0.1679			
-0.1660			
-0.1939			
-0.2163			
-0.2467			
-0.2725			
-0.3054			
-0.3299			
-0.3399			
-0.3234			
-0.2523			
-0.2525			
-0.2432			
-0.2531			
-0.2518			

X/LB .8560

SECTION ( 1 ) ORB. ATTACH POINTS	DEPENDENT VARIABLE CP		
X/LB	.0870	.1020	.1100
Y/LB	.0650	.1020	.1100
-0.107			
-0.085			
-0.064			
-0.043			
-0.021			
.000			

ALPHAO ( 2 ) = -3.870 BETAO ( 4 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS	DEPENDENT VARIABLE CP		
X/LB	.0870	.1020	.1100
Y/LB	.0650	.1020	.1100
-0.277			
-0.256			
-0.234			
-0.215			
-0.192			
-0.170			
-0.149			
-0.107			
-0.085			
-0.064			
-0.043			
-0.021			
.000			
0.0374			
0.0397			
0.0261			
0.0079			
-0.0534			
-0.1367			
-0.3633			
-0.3815			
-0.3840			
-0.3972			
-0.3906			

X/LB .8560



ARC11-716 IA14 OI+TIE+812NS5 ONS ATTACH #15 (881166)

ALPHA( 8 ) = -3.970 BETA( 4 ) = 4.100

SECTION ( 1 ) ONS. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0800  
Y/LB  
- .107 - .3822  
- .085 - .3445  
- .064 - .3596  
- .043 - .6445  
- .021 - .8482  
.000 - .8724

ALPHA( 8 ) = -3.980 BETA( 5 ) = 6.160

SECTION ( 1 ) ONS. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0850 .1020 .1100 .1180 .1260 .1350 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
Y/LB  
- .277  
- .256  
- .234  
- .213  
- .192  
- .170  
- .149  
- .107  
- .085  
- .064  
- .043  
- .021  
.000  
- .0330  
- .3913  
- .4173  
- .4364  
- .4556  
- .4593  
- .0184  
- .0057  
- .0155  
- .0738  
- .0719  
- .3027  
- .4769  
- .6258  
- .6049  
- .5826  
- .5556  
- .5520  
- .0618  
- .0932  
- .1605  
- .0418  
- .0932  
- .1605  
- .4899  
- .6191  
- .8056  
- .8666  
- .7920  
- .7859  
- .8180  
- .7036  
- .6286  
- .1929  
- .2871  
- .3262  
- .6367  
- .8016  
- .9341  
- .9759  
- .7565  
- .7716  
- .6355  
- .6110

X/LB .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800 .0800  
Y/LB  
- .107 - .6316  
- .085 - .8434  
- .064 - .5092  
- .043 - .4403  
- .021 - .4504  
.000 - .6110



(R81140)

ORB ATTACH PTS

ALPHA ( 3 ) = -.300 BETA ( 1 ) = -.8100

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0850	.1020	.1190	.1360	.1530	.1700	.1870	.2040	.2210	.2380	.2550	.2720	.2890	.3060
Y/DB	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877
-.856															
-.834															
-.813															
-.792															
-.770															
-.749															
-.727															
-.705															
-.684															
-.663															
-.641															
-.620															
-.600															

SECTION ( 2 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0850	.1020	.1190	.1360	.1530	.1700	.1870	.2040	.2210	.2380	.2550	.2720	.2890	.3060
Y/DB	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877
-.856															
-.834															
-.813															
-.792															
-.770															
-.749															
-.727															
-.705															
-.684															
-.663															
-.641															
-.620															
-.600															

SECTION ( 3 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0850	.1020	.1190	.1360	.1530	.1700	.1870	.2040	.2210	.2380	.2550	.2720	.2890	.3060
Y/DB	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877	-.877
-.856															
-.834															
-.813															
-.792															
-.770															
-.749															
-.727															
-.705															
-.684															
-.663															
-.641															
-.620															
-.600															

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ALPHA( 3 ) = -.380 BETA( 2 ) = -4.030

SECTION ( 1 ) : 088, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8380
Y/CM	
	-.107
	-.083
	-.064
	-.043
	-.021
	.000

ALPHA( 3 ) = -.330 BETA( 3 ) = .040

SECTION ( 1 ) : 088, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/CM														
	-.277													
	-.256													
	-.234													
	-.213													
	-.192													
	-.170													
	-.148													
	-.107													
	-.085													
	-.064													
	-.043													
	-.021													
	.000													

X/LB	.8380
Y/CM	
	-.107
	-.083
	-.064
	-.043
	-.021
	.000



ALPHAO (3) B = .330 BETA0 (3) E = 4.08C

SECTION (3)ORB ATTACH POINTS DEPENDENT VARIABLE CP

Z/LB	.0470	.0953	.1020	.1100	.1180	.1260	.1330	.786C	.796C	.804C	.8110	.8190	.8270	.8350	.8800
Y/BA											.0391	-.0040	-.1020	-.1019	
									.0379	.0392	.0282	-.0416	-.1359	-.2803	
									.0490	.0276	-.0636	-.2027	-.3813		
									.0711	.0231					
									.0000	.0169	-.1900	-.4549	-.6610		
									.0317	-.0213	-.3090	-.6296	-.8199		
										-.0945	-.4505	-.7942	-.9215		
															-.8004
											-.3228	-.5519	-.7819	-.9149	-.9099
											-.3433	-.5109	-.6887	-.8347	-.8689
											-.3505	-.4814	-.6294	-.7195	-.7828
											-.3624	-.4520	-.5708	-.6651	-.6859
											-.3561	-.4437	-.4929	-.7447	-.8210
Z/LB	.8980														

ALPHAO (3) B = .330 BETA0 (3) E = 6.16C

SECTION (3)ORB ATTACH POINTS DEPENDENT VARIABLE CP

Z/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
											.0955	.0509	-.0460	-.1378	
									.1141	.0857	.0190	-.0747	-.2092		
									.1162	.0863	.0021	-.1419	-.3014		
									.1334	.0661					
									.0970	.0855	.0855	-.1254	-.3970	-.5941	
									.0604	.1060	.0376	-.2568	-.5731	-.7615	
											-.0562	-.4231	-.7375	-.8988	
															-.8134
											-.3610	-.5947	-.8401	-.9465	-.7362
											-.3671	-.5757	-.7679	-.8758	-.7488
											-.4067	-.9331	-.7037	-.7948	-.7039
											-.4262	-.9306	-.6604	-.7030	-.5697
											-.4277	-.9247	-.6059	-.6386	-.4947
Z/LB	.8580														

ALPHAO (3) B = .330 BETA0 (3) E = 6.16C

SECTION (3)ORB ATTACH POINTS DEPENDENT VARIABLE CP

Z/LB

ORIGINAL PAGE IS OF POOR QUALITY

ALPHA(1) = -.330 BETA(1) = 0.100

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

V/LB .0300

V/BA  
 -.107  
 -.043  
 -.064  
 -.043  
 -.081  
 .000

ALPHA(1) = 4.100 BETA(1) = -0.100

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

V/LB .0070 .0930 .1020 .1130 .1160 .1260 .1330 .7000 .7360 .8040 .8110 .8190 .8270 .8350 .8300

V/BA  
 -.877  
 -.836  
 -.834  
 -.813  
 -.182  
 -.170  
 -.148  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

-.2715  
 -.3013  
 -.3228  
 -.3250  
 -.3438  
 -.3234  
 -.2536  
 -.1592  
 -.0628  
 -.1167  
 -.1285  
 -.1596  
 -.1677

-.3431  
 -.4003  
 -.4399  
 -.5418  
 -.5471  
 -.9035  
 -.8010  
 -.8785  
 -.8137  
 -.3019  
 -.4723  
 -.4254  
 -.1866  
 -.2552

.0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000  
 .0000

-.4340  
 -.4833  
 -.5471  
 -.8219  
 -.9616  
 -.9161  
 -.8440  
 -.7310  
 -.5976  
 -.4848  
 -.4744  
 -.3683

V/LB .0560

V/BA  
 -.107  
 -.043  
 -.064  
 -.043  
 -.081  
 .000



CITE OF W: 7 TABULATED PRESSURE DATA - IAI14 - VOL. 1C

ARC11145 IAI4 03112\*512M25 (R01146)

ORR ATTACH PTS

ALPHA( 4 ) = 4.090 BETA( 2 ) = -4.710

SECTION ( 1 ) ORR ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877																
-.856																
-.834																
-.813																
-.792																
-.770																
-.749																
-.727																
-.706																
-.684																
-.663																
-.642																
-.621																
-.600																
	X/LB	.8560														

ALPHA( 3 ) = .030

SECTION ( 1 ) ORR ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877																
-.856																
-.834																
-.813																
-.792																
-.770																
-.749																
-.727																
-.706																
-.684																
-.663																
-.642																
-.621																
-.600																
	X/LB	.8560														

ALPHA( 4 ) = 4.090 BETA( 3 ) = .030

SECTION ( 1 ) ORR ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877																
-.856																
-.834																
-.813																
-.792																
-.770																
-.749																
-.727																
-.706																
-.684																
-.663																
-.642																
-.621																
-.600																
	X/LB	.8560														



ARC11-716 IA14 OI+112+312NR5 ORB ATTACH PTS (R81146)

ALPHA( 4 ) = 4.060 BETA( 3 ) = 6.200

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0990	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.771	-.750	.0436	.0875	.1356	.0999	.0386	-.0337	-.1239	
	-.149	-.107	-.085	-.064	-.043	-.021	-.000	.0658	.0700	.1054	.0529	-.2127	-.5181	-.7149	
	-.083	-.064	-.043	-.021	-.000	-.000	-.000	-.0320	-.3679	-.7043	-.8564	-.7881	-.3388	-.5751	-.8239
	-.064	-.043	-.021	-.000	-.000	-.000	-.000	-.3723	-.5613	-.7528	-.9347	-.8453	-.3723	-.5613	-.7528
	-.021	-.000	-.000	-.000	-.000	-.000	-.000	-.3983	-.5465	-.6943	-.8421	-.6831	-.3983	-.5465	-.6943
	-.000	-.000	-.000	-.000	-.000	-.000	-.000	-.4161	-.5264	-.6520	-.7836	-.5441	-.4161	-.5264	-.6520
X/LB	.0680							-.4189	-.5223	-.5989	-.6217	-.3634	-.4189	-.5223	-.5989

X/LB .8580

Y/BW	-.107	-.085	-.064	-.043	-.021	-.000	-.4477
------	-------	-------	-------	-------	-------	-------	--------

ALPHA( 5 ) = 6.040 BETA( 1 ) = -6.080

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0990	.1060	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.771	-.750	-.1594	-.1395	-.2048	-.3215	-.2528	-.3809	-.4116	
	-.149	-.107	-.085	-.064	-.043	-.021	-.000	-.1594	-.1395	-.2048	-.3215	-.2528	-.3809	-.4116	
	-.083	-.064	-.043	-.021	-.000	-.000	-.000	-.1510	-.1377	-.0000	-.3169	-.5458	-.7493	-.7302	
	-.064	-.043	-.021	-.000	-.000	-.000	-.000	-.1288	-.2473	-.5510	-.8296	-.8920	-.2068	-.3750	-.4592
	-.021	-.000	-.000	-.000	-.000	-.000	-.000	-.1672	-.2278	-.2371	-.4738	-.4711	-.2068	-.3750	-.4592
	-.000	-.000	-.000	-.000	-.000	-.000	-.000	-.1938	-.2462	-.2641	-.4231	-.3633	-.2528	-.3809	-.4116
X/LB	.8580							-.1094	-.2141	-.4041	-.5893	-.7818	-.1094	-.2141	-.4041

X/LB .8580

ARC11-716 IAL14 01-712+912N25

ORB ATTACH PTS

(RB1146)

ALPHA ( 1 ) = 8.040 BETA ( 1 ) = -8.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	ORB ATTACH PTS	DEPENDENT VARIABLE CP
.0980			
	-.107		
	-.085		
	-.064		
	-.043		
	-.021		
	.000		

ALPHA ( 2 ) = 7.980 BETA ( 2 ) = -4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	ORB ATTACH PTS	DEPENDENT VARIABLE CP
.0870			
	-.277		
	-.236		
	-.234		
	-.213		
	-.192		
	-.170		
	-.149		
	-.107		
	-.085		
	-.064		
	-.043		
	-.021		
	.000		
.0950			
.1020			
.1100			
.1180			
.1260			
.1330			
.7880			
.7960			
.8040			
.8110			
.8190			
.8270			
.8350			
.8500			
	-.1271		
	-.1346		
	-.1743		
	-.1709		
	-.2530		
	-.2534		
	-.2932		
	-.2618		
	-.2067		
	-.2059		
	-.4952		
	-.5423		
	-.7664		
	-.6130		
	-.7692		
	-.7780		
	-.7692		
	-.1537		
	-.2748		
	-.4705		
	-.6292		
	-.7879		
	-.7118		
	-.3696		
	-.5393		
	-.1784		
	-.2524		
	-.3346		
	-.4776		
	-.3729		
	-.2054		
	-.2589		
	-.2852		
	-.4967		
	-.5047		
	-.2109		
	-.2712		
	-.3054		
	-.5102		
	-.4984		
	-.8436		

X/LB .8580

SECTION ( 2 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	ORB ATTACH PTS	DEPENDENT VARIABLE CP
	-.107		
	-.085		
	-.064		
	-.043		
	-.021		
	.000		
.7505			
.8139			
.8101			
.7887			
.7514			
.7175			





ARC11-716 IA14 OI-T12+S2N25 (R81148)

ORE ATTACH PTS

ALPHAO ( 9 ) = 0.040 BETA0 ( 4 ) = 4.150

SECTION ( 1 ) ORE, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/LB	
-1.107	-1.5494
-1.085	-1.4976
-1.064	-1.4866
-1.043	-1.5033
-1.021	-1.6413
-1.000	-1.7614

ALPHAO ( 9 ) = 0.030 BETA0 ( 9 ) = 0.750

SECTION ( 1 ) ORE, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0970	.0980	.1080	.1100	.1180	.1280	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350
Y/LB														
-1.877								.0714	.0633	.0486	.0516	-.0075	-.0745	-.1515
-1.856								.0723	.0466	.0486	.0411	-.0071	-.0941	-.2190
-1.834								.0912	.0466	.0486	.0486	-.0192	-.1464	-.2984
-1.813							.0139	.0251	.0466	.0486	.0486	-.0121	-.3740	-.5532
-1.192								.0612	.0137	.0137	.0137	-.2300	-.5274	-.7218
-1.170									-.0612	-.0612	-.0612	-.3691	-.7040	-.8576
-1.149														-.8931
-1.127														-.9397
-1.085														-.8422
-1.064														-.8178
-1.043														-.7835
-1.021														-.6317
-1.000														-.4983

X/LB	.8580
Y/LB	
-1.107	-1.6833
-1.085	-1.5794
-1.064	-1.3008
-1.043	-1.4365
-1.021	-1.4623
-1.000	-1.5762





ALPHA ( 1 ) = -7.980 BETA ( 2 ) = -4.010

SECTION ( 1 ) CP, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
	-.107				.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	-.088				.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	-.064				.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	-.043				.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	-.021				.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

X/LB .8580

Y/BA
-.107
-.088
-.064
-.043
-.021
.000

ALPHA ( 1 ) = -7.980 BETA ( 3 ) = .030

SECTION ( 1 ) CP, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

X/LB .8580

Y/BA
-.277
-.085
-.064
-.043



DATE 20 JAN 75 TABULATED PRESSURE DATA - IAL44 - VOL. 10

(RB1147)

ORB ATTACH PTS

ARC11-716 IAL4 QUANTITY 512N25

ALPHA (1) = -7.960 BETA (3) = .000

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6560

Y/LB  
-.021 -.7367  
.000 -.7516

ALPHA (1) = -7.960 BETA (4) = 4.120

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0470	.0950	.1025	.1190	.1260	.1330	.7680	.7660	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB	-.877	-.856	-.834	-.813	-.792	-.771	-.1438	.0304	.0621	.0526	.0933	-.0660	-.1479	
	-.192	-.170	-.149	-.127	-.105	-.083		.0299	.0000	.0417	-.0158	-.1045	-.2208	
	-.107	-.089	-.064	-.043	-.021	-.000		.0182	.0000	.0339	-.0423	-.1734	-.3109	
	-.021	-.000	-.000	-.000	-.000	-.000		.0144	.0092	.0083	-.1907	-.4220	-.6031	
	-.000	-.000	-.000	-.000	-.000	-.000		.0000	.0092	.0655	-.3352	-.5978	-.7469	
	-.000	-.000	-.000	-.000	-.000	-.000		.0000	.0092	.1598	-.4777	-.7406	-.8298	
	-.000	-.000	-.000	-.000	-.000	-.000		.0000	.0000	.3443	-.5153	-.7040	-.8064	-.7822
	-.000	-.000	-.000	-.000	-.000	-.000		.0000	.0000	.3499	-.4898	-.6373	-.7455	-.7373
	-.000	-.000	-.000	-.000	-.000	-.000		.0000	.0000	.3481	-.4614	-.5619	-.6439	-.7186
	-.000	-.000	-.000	-.000	-.000	-.000		.0000	.0000	.3569	-.4370	-.5217	-.5617	-.5721
	-.000	-.000	-.000	-.000	-.000	-.000		.0000	.0000	.3515	-.4280	-.4358	-.6171	-.6797

X/LB .6560

Y/LB  
-.107 -.6041  
-.085 -.5753  
-.064 -.5135  
-.043 -.4772  
-.021 -.4698  
.000 -.4008



ARC11-716 IA14 01\*71E\*31E\*25 (P811477)

ALPHA ( 1 ) = -7.990 BETA ( 5 ) = 8.210

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW														
- .877									.1413	.0651	.0180		- .0738	
- .856						.1563		.1393	.1568	.1378	.0477	- .0955	- .8387	
- .834					.0238	.1411		.1411	.1061	.1360				
- .813						.1294		.0000	.1648	.1262	- .0378	- .3502	- .5458	
- .792								.0730	- .2737	- .5384	- .7039			
- .770								- .0342	- .4145	- .7112	- .8183		- .8508	
- .749														
- .727														
- .705				.0000	.0000	.0000				- .3385	- .5528	- .7795	- .8898	- .8842
- .684			.0000	.0000	.0000	.0000				- .3634	- .5379	- .7112	- .8248	- .8482
- .663		.0000	.0000	.0000	.0000	.0000				- .3789	- .5148	- .6483	- .7415	- .7683
- .641	.0000	.0000	.0000	.0000	.0000	.0000				- .3974	- .4898	- .6008	- .6069	- .5839
- .621	.0000	.0000	.0000	.0000	.0000	.0000				- .4021	- .4873	- .5541	- .6337	- .6235
- .600														

X/LB .8580

Y/BW	- .107	- .7342	- .6277	- .6304	- .6000	- .6442	- .7085

ALPHA ( 2 ) = -3.840 BETA ( 1 ) = -8.120

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW														
- .877														
- .856									- .2160	- .2878	- .3708	- .4375	- .4785	
- .834								- .1675	- .2137	- .3144	- .4368	- .5005	- .5389	
- .813									- .1514	- .2070	- .3407			
- .792								- .1569	.0000	- .3295	- .5894	- .7854	- .8138	
- .770								- .1382	- .1128	- .2551	- .5848	- .8341	- .9125	
- .749										- .1400	- .5003	- .7774	- .8499	
- .727														
- .705										- .0203	- .1365	- .3310	- .4921	- .7819
- .684				.0000	.0000	.0000				- .0504	- .1195	- .2325	- .4027	- .5150
- .663		.0000	.0000	.0000	.0000	.0000				- .0550	- .1181	- .1712	- .2610	- .4277
- .641	.0000	.0000	.0000	.0000	.0000	.0000				- .0551	- .1294	- .1039	- .3844	- .4508
- .621	.0000	.0000	.0000	.0000	.0000	.0000				.065	- .1530	- .1407	- .3724	- .4333
- .600														

X/LB .8580



DATE 05 / 71 TABULATED PRESSURE DATA - IAL14 - VOL. 1D

(R01147)

ORG ATTACH PTS

ARC11-716 IAL14 O3+T12+512M25

ALPHA ( 2 ) = -3.68C BETA ( 1 ) = -8.12D

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8560

Y/BL  
-.107 -.0374  
-.046 -.7072  
-.064 -.7516  
-.043 -.7089  
-.021 -.6928  
.000 -.6616

ALPHA ( 2 ) = -3.630 BETA ( 2 ) = -4.02D

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .085C .108C .110D .1180 .126C .1330 .7880 .6040 .6110 .6190 .6270 .6350 .8500

Y/BL  
-.577  
-.254  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.065  
-.064  
-.043  
-.021  
.070  
-.1661  
-.1789  
-.1683  
-.1923  
-.1461  
-.1936  
-.5461  
-.2816  
-.1936  
-.0947  
-.1172  
-.1239  
-.1470  
-.1160  
-.3175  
-.3585  
-.3019  
-.2160  
.0000  
-.5461  
-.3266  
-.2816  
-.5461  
-.2161  
-.1926  
-.1033  
-.1865  
-.2002  
-.3690  
-.4128  
-.4642  
-.7031  
-.7955  
-.7859  
-.5640  
-.6271  
-.4070  
-.4971  
-.4292  
-.4969

X/LB .8560

Y/BL  
-.107 -.0741  
-.046 -.7559  
-.064 -.7887  
-.043 -.7537  
-.021 -.7287  
.000 -.6824



(801147)

ORB ATTACH PTS

ARC11-716 1A14 OI+T12+312M25

ALPHA(D) = -3.910 BETA(D) = .030

SECTION (3) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1160	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/BW															
-1.817															
-1.856															
-1.834															
-1.813															
-1.192															
-1.170															
-1.148															
-1.107															
-1.065															
-1.064															
-1.043															
-1.021															
.003	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8500														

SECTION (3) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1140	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/BW															
-1.817															
-1.856															
-1.834															
-1.813															
-1.192															
-1.170															
-1.148															
-1.107															
-1.065															
-1.064															
-1.043															
-1.021															
.003	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8500														

SECTION (3) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1140	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/BW															
-1.817															
-1.856															
-1.834															
-1.813															
-1.192															
-1.170															
-1.148															
-1.107															
-1.065															
-1.064															
-1.043															
-1.021															
.003	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
X/LB	.8500														



(R81147)

ORB ATTACH PTS

ALPHA (R) = -.010 BETA (R) = 4.10E

SECTION 11.083 ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0580

- T/BW
- .107 -.6088
- .085 -.5549
- .064 -.5052
- .043 -.4778
- .021 -.4584
- .000 -.4445

ALPHA (R) = -.020 BETA (R) = 6.18E

SECTION 11.083 ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870

- T/BW
- .277
- .256
- .234
- .213
- .192
- .170
- .149
- .127
- .105
- .084
- .063
- .042
- .020
- .000

.0870	.0980	1.000	.1100	.1250	.1330	.7680	.7980	.8340	.8110	.8190	.8270	.8350	.8500
									.1664	.1114	.0423	-.0416	
									.1598	.1007	-.0147	-.1093	
									.1632	.0824	-.0552	-.1963	
									.1632				
									.1568	-.0437	-.2977	-.4895	
									.1587	-.1787	-.4730	-.6532	
									.1765	-.3447	-.6534	-.7777	
													-.0003
													-.2987
													-.3219
													-.3473
													-.3571
													-.3761
													-.4626
													-.5372
													-.5671
													-.5118

K/LB .0580

- T/BW
- .107 -.7037
- .085 -.6180
- .064 -.5821
- .043 -.6030
- .021 -.5853
- .000 -.6528



ARCII-716 IAL4 OI-TI8+SI8NE3 CRB ATTACH P19 (RB1147

ALPHAO ( 3 ) \* .020 BETAO ( 1 ) \* -9.130

SECTION ( 1 ) CRB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8900
T/BL															

X/LB .9580

T/BL

	-0.107
	-0.085
	-0.064
	-0.043
	-0.021
	.000

ALPHAO ( 3 ) \* .000 BETAO ( 2 ) \* -4.060

SECTION ( 1 ) CRB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8900
T/BL															

X/LB .9580

T/BL

	-0.107
	-0.085
	-0.064
	-0.043
	-0.021
	.000



DATE 06 JAN 78 TABULATED PRESSURE DATA - IA144 - VOL. 1C

ARC11-716 IA14 01\*112+512N25 ORB ATTACH PTS (RB1147)

ALPHA ( 3 ) = .000 BETA ( 2 ) = -4.060

SECTION ( 1 ) : ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BA  
-.107 -.0423  
-.085 -.7204  
-.064 -.6936  
-.043 -.6393  
-.021 -.6927  
.000 -.6451

ALPHA ( 3 ) = -.330 BETA ( 3 ) = .040

SECTION ( 1 ) : ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1080 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BA  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.0356  
-.0517  
-.0535  
-.0809  
-.1998  
-.4615  
-.6254  
-.3594  
-.3081  
-.0838  
-.1444  
-.2011  
-.2572  
-.0673  
-.1166  
-.1799  
-.2423  
-.3113  
-.0439  
-.0782  
-.1406  
-.2200  
-.3013  
-.3617  
-.0883  
-.1689  
-.1914  
-.3506  
-.4624  
-.3958  
-.2062  
-.4215  
-.5529  
-.3560  
-.1193  
-.2624  
-.4854  
-.6295  
-.8345  
-.1475  
-.2465  
-.3992  
-.5207  
-.6410  
-.1367  
-.2225  
-.3331  
-.3989  
-.6149  
-.1464  
-.2071  
-.2921  
-.4056  
-.4895  
-.1422  
-.2065  
-.2252  
-.3374  
-.4548

X/LB .6580

Y/BA  
-.107 -.5680  
-.085 -.5932  
-.064 -.7134  
-.043 -.6901  
-.021 -.7377  
.000 -.7048



DATE 09 JAN 75  
INSULATED PRESSURE DATA - IA14A - V. 10  
ARC11-716 IA14 01-112-512N25 ORB ATTACH PTS (RB1147)

ALPHA ( 3 ) = .060 BETA ( 4 ) = 4.100

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB								.0628	.1236	.1402	.1261	.0712	.0039	-.0793	
								.1124	.1158	.1150	.1154	.0575	-.0275	-.1477	
								.0947	.1150	.1150	.1155	.0402	-.0957	-.2296	
											.1077	-.0720	-.3197	-.5068	
											.0753	-.1825	-.4778	-.6652	
											.0062	-.3156	-.8358	-.7681	-.8189
											-.2334	-.4277	-.6687	-.7968	-.8309
											-.2578	-.4140	-.5901	-.7246	-.7684
											-.2716	-.3936	-.5307	-.6259	-.3811
											-.2872	-.3717	-.4791	-.4656	-.6001
											-.2863	-.3623	-.4086	-.6068	-.5008

X/LB .8580

Y/LB

	-.107	-.6132
	-.043	-.5350
	-.064	-.5771
	-.043	-.6673
	-.081	-.7103
	.000	-.7308

ALPHA ( 3 ) = .070 BETA ( 4 ) = 8.180

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB								.1032	.1602	.2017	.1871	.1308	.0638	-.0205	
									.2049	.2049	.1783	.1206	.0374	-.0853	
									.1663	.2209	.1815	.1060	-.0317	-.1676	
									.1458	.0000	.1758	-.0084	-.2599	-.4367	
									.1900	.1330	.1330	-.1308	-.4242	-.6092	
										.0429	-.2886	-.6039	-.7402	-.8238	
										-.2646	-.4854	-.7231	-.8416	-.8238	
										-.2921	-.4749	-.6602	-.7687	-.8018	
										-.3225	-.4633	-.6032	-.6895	-.7313	
										-.3440	-.4447	-.5652	-.6428	-.6881	
										-.3511	-.4412	-.5153	-.5048	-.4214	

X/LB .8580



DATE 09 JAN 73 TABULATED PRESSURE DATA - 1A14A - VOL. 1D

(R81147)

ARC1-718 1A14 OL-TIE+SIENS

ORB ATTACH PTS

ALPHA( 3 ) = .070 BETA( 3 ) = 0.180

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .6580

Y/BW	
-.107	-.6926
-.083	-.6038
-.064	-.6015
-.043	-.5925
-.021	-.5367
.000	-.6260

ALPHA( 4 ) = 4.120 BETA( 4 ) = -8.110

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

K/LB .6580

Y/BW	
-.107	-.7723
-.083	-.6660
-.064	-.6599
-.043	-.6646
-.021	-.6575
.000	-.5524

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DATE 09 JAN 73 TABULATED PRESSURE DATA = 131144 - VOL. 10

(R81147)

ORB ATTACH PTS

ARC11-716 1A14 01\*112\*812N25

ALPHA ( 4 ) = 4.100 BETA ( 3 ) = .040

SECTION ( 3 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW
.8350	
	-.107
	-.5708
	-.085
	-.5849
	-.044
	-.6740
	-.043
	-.5579
	-.021
	-.7241
	.000
	-.6869

ALPHA ( 4 ) = .090 BETA ( 4 ) = 4.130

SECTION ( 5 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/BW	ORB ATTACH POINTS	DEPENDENT VARIABLE CP
.0670	.0870	.0630	.1080
		.1100	.1100
		.1260	.1330
		.7880	.7960
		.8040	.8110
		.8190	.8270
		.8350	.8500
	.1365	.0601	.0153
	.1216	.0710	-.0122
	.1225	.0563	-.0776
	.1196		
	.1171	-.0445	-.2846
	.0891	-.1494	-.4335
	.0331	-.2743	-.5888
			-.7371
			-.7941
			-.2017
			-.4006
			-.6366
			-.7793
			-.8113
			-.2274
			-.3898
			-.5700
			-.7077
			-.7980
			-.2425
			-.3725
			-.5116
			-.6202
			-.8491
			-.2599
			-.3512
			-.4826
			-.4693
			-.8147
			-.2599
			-.3407
			-.4098
			-.4847
			-.4018

X/LB	Y/BW
.8350	
	-.107
	-.6156
	-.085
	-.5332
	-.044
	-.5831
	-.043
	-.6309
	-.021
	-.6375
	.000
	-.6886

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ALPHA( 4 ) = 4.080 BETA( 5 ) = 0.230

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.277										.2004	.1470	.0797	.0002	
	-.236									.2143	-.1902	.1381	.0582	-.0616	
	-.234							.1976		-.2146	.1928	-.1263	-.0086	-.1374	
	-.213						.1320			.2320	-.1961				
	-.192								.0000	.0276	-.0276	-.2172	-.3881		
	-.170								.1961	-.1524	-.0826	-.3686	-.5592		
	-.148								.0723	-.2333	-.5501	-.6965			
	-.107									-.2424	-.4667	-.7116	-.8337	-.8583	
	-.085			.0000	.0000	.0000	.0000			-.2743	-.4582	-.6497	-.7670	-.8000	
	-.064		.0000	.0000	.0000	.0000	.0000			-.3073	-.4533	-.5967	-.6854	-.7432	
	-.043		.0000	.0000	.0000	.0000	.0000			-.3293	-.4385	-.5573	-.6437	-.6443	
	-.021		.0000	.0000	.0000	.0000	.0000			-.3412	-.4355	-.5152	-.4458	-.4724	
	.000	.0000	.0000	.0000	.0000	.0000	.0000								
X/LB	.8560														

ALPHA( 5 ) = 0.230 BETA( 1 ) = -6.090

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.277														
	-.236														
	-.234														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085			.0000	.0000	.0000	.0000								
	-.064		.0000	.0000	.0000	.0000	.0000								
	-.043		.0000	.0000	.0000	.0000	.0000								
	-.021		.0000	.0000	.0000	.0000	.0000								
	.000	.0000	.0000	.0000	.0000	.0000	.0000								
X/LB	.8560														

ALPHA( 5 ) = 0.230 BETA( 1 ) = -6.090

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
	-.277														
	-.236														
	-.234														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085			.0000	.0000	.0000	.0000								
	-.064		.0000	.0000	.0000	.0000	.0000								
	-.043		.0000	.0000	.0000	.0000	.0000								
	-.021		.0000	.0000	.0000	.0000	.0000								
	.000	.0000	.0000	.0000	.0000	.0000	.0000								
X/LB	.8560														



DATE OF JAN 71 TABULATED PRESSURE DATA - IALIA - VOL. 10

(RB1147)

ORB ATTACH PTS

ARC11-716 IALIA O-RING-SIGNED

UPHRAID (S) = 0.05C BETA0 (I) = -0.09C

SECTION : 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

- Y/BW
- 1.07
- 1.085
- 1.064
- 1.045
- 1.021
- .000

ALPHAC (S) = 0.030 BETA0 (R) = -4.04C

SECTION : 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0875 .0950 .1020 .1100 .1180 .1260 .1330 .1410 .1490 .1570 .1650 .1730 .1810 .1890 .1970 .2050 .2130 .2210 .2290 .2370 .2450 .2530 .2610 .2690 .2770 .2850 .2930 .3010 .3090 .3170 .3250 .3330 .3410 .3490 .3570 .3650 .3730 .3810 .3890 .3970 .4050 .4130 .4210 .4290 .4370 .4450 .4530 .4610 .4690 .4770 .4850 .4930 .5010 .5090 .5170 .5250 .5330 .5410 .5490 .5570 .5650 .5730 .5810 .5890 .5970 .6050 .6130 .6210 .6290 .6370 .6450 .6530 .6610 .6690 .6770 .6850 .6930 .7010 .7090 .7170 .7250 .7330 .7410 .7490 .7570 .7650 .7730 .7810 .7890 .7970 .8050 .8130 .8210 .8290 .8370 .8450 .8530 .8610 .8690 .8770 .8850 .8930 .9010 .9090 .9170 .9250 .9330 .9410 .9490 .9570 .9650 .9730 .9810 .9890 .9970

- Y/BW
- 1.077
- 1.056
- 1.034
- 1.013
- 0.992
- 0.970
- 0.949
- 0.928
- 0.907
- 0.886
- 0.865
- 0.844
- 0.823
- 0.802
- 0.781
- 0.760
- 0.739
- 0.718
- 0.697
- 0.676
- 0.655
- 0.634
- 0.613
- 0.592
- 0.571
- 0.550
- 0.529
- 0.508
- 0.487
- 0.466
- 0.445
- 0.424
- 0.403
- 0.382
- 0.361
- 0.340
- 0.319
- 0.298
- 0.277
- 0.256
- 0.235
- 0.214
- 0.193
- 0.172
- 0.151
- 0.130
- 0.109
- 0.088
- 0.067
- 0.046
- 0.025
- .000

X/LB .0580

- Y/BW
- 1.07
- 1.065
- 1.064
- 1.045
- 1.021
- .000

ORB ATTACH PTS (R81147)

ARC11-716 IAL14 01+11E+312NE5

ALP NO( 5) = 0.030 BETA( 3) = .020

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.277										-.0513	-.1007	-.1705	-.2293	
	-.256							-.0278	-.0716	-.1326	-.2039	-.2796	-.3226		
	-.234							-.0055	-.0329	-.0907	-.1605	-.2501	-.3226		
	-.213							.0086	-.0076	-.0373	-.1097				
	-.192							-.0107	.0000	-.1255	-.2668	-.3948	-.4017		
	-.170							-.0372	-.1407	-.3357	-.4655	-.3774			
	-.149								-.1446	-.3782	-.5297	-.3496			
	-.107									-.1354	-.2699	-.4510	-.5486	-.5231	
	-.085									-.1340	-.2419	-.3760	-.4761	-.5844	
	-.064									-.1227	-.2149	-.3176	-.3801	-.5839	
	-.043									-.1247	-.1979	-.2527	-.3728	-.4222	
	-.021									-.1210	-.1951	-.2290	-.4334	-.3693	
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								

X/LB .8580

Y/BW

-.107	-.5514
-.085	-.5428
-.064	-.6065
-.043	-.6349
-.021	-.6928
.000	-.6546

ALPHA( 5) = 0.080 BETA( 4) = 4.170

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW	-.277										.1379	.0846	.0236	-.0366	
	-.256							.1499	.1472	.1270	.0629	-.0646	-.1897		
	-.234							.1348	.1472	.1270	.0629	-.0646	-.1897		
	-.213							.0906	.1184	.1604	.1252	-.0297	-.2874	-.4474	
	-.192							.1011	.1000	.1252	-.0297	-.2874	-.4474		
	-.170							.1343	.0946	-.1269	-.4098	-.6023			
	-.149								.0383	-.2452	-.5633	-.7159			
	-.107									-.1924	-.3842	-.6231	-.7832	-.7786	
	-.085									-.2155	-.3782	-.5564	-.6900	-.7387	
	-.064									-.2314	-.3547	-.4978	-.6018	-.6370	
	-.043									-.2457	-.3329	-.4476	-.4672	-.6047	
	-.021									-.2450	-.3237	-.3859	-.4245	-.4022	
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								

X/LB .8580



DATE 08 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ORB ATTACH PTS

ARC11-716 IA14 01-TIE+SIENES

(RB1147)

ALPHA ( 5 ) = 0.020 BETA ( 6 ) = 4.175

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Z/LB	.0500
Y/BL	
-.107	-.6087
-.085	-.5301
-.064	-.5559
-.043	-.6127
-.021	-.6056
.000	-.6640

ALPHA ( 5 ) = 0.020 BETA ( 5 ) = 8.260

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

Z/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BL															
-.277											.1491	.1020	.0396	-.0337	
-.256								.1615		.1691	.1437	.1025	.0209	-.0865	
-.234							.1369		.1691	.1801	.1525	.0923	-.0369	-.1630	
-.213			.0875				.1280		.1801	.0000	.1563	.0110	-.2293	-.4068	
-.192							.1111		.1566	.1227	-.0927	-.3738	-.5733		
-.170									.1566	.0542	-.2353	-.3469	-.7091		-.6008
-.149															-.6407
-.107															-.8015
-.085							.0000		.0000	.0000	-.2288	-.4475	-.6933	-.8327	
-.064						.0000	.0000	.0000	.0000	.0000	-.2591	-.4455	-.6327	-.7618	-.8015
-.043		.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.2682	-.3318	-.5750	-.6775	-.7413
-.021	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.3061	-.4101	-.5274	-.6252	-.6237
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.3074	-.4025	-.4778	-.6118	-.5188
Z/LB	.8360														
Y/BL															
-.107															
-.085															
-.064															
-.043															
-.021															
.000															

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ARC11-716 IATA GENT12-S12N25

ORB ATTACH FTN

(RB1140) (17 FEB 74)

REFERENCE DATA

SREF = 2.4210 30.FT. XMRP = 29.5800 INCHES  
LREF = 38.7080 INCHES YMRP = .0000 INCHES  
ZREF = 38.7080 INCHES ZMRP = .0000 INCHES  
SCALE = .0300 SCALE

PARAMETRIC DATA

MACH = 1.100 ELEVON = .000  
RUDDER = .000 SPOBRK = .000

ALPHA( 1 ) = -7.930 BETA( 1 ) = -8.080

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/B															
-.877															
-.856															
-.834															
-.813															
-.182															
-.170															
-.149															
-.137															
-.085															
-.064															
-.043															
-.021															
.000															
-.1809															
-.1672															
-.2402															
-.1926															
-.2784															
-.3012															
-.3274															
-.3488															
.0000															
-.2664															
-.1347															
.0094															
-.0113															
-.0204															
-.0509															
-.1008															
-.0094															
-.0113															
-.0204															
-.0509															
-.1008															
-.3690															
-.4246															
-.4809															
-.7350															
-.7832															
-.7922															
-.7354															
-.4565															
-.3631															
-.3154															
-.0667															
-.2954															
-.2435															
-.7111															

X/LB .8580

Y/B  
-.107  
-.085  
-.064  
-.043  
-.021  
.000

ALPHA( 2 ) = -7.930 BETA( 2 ) = -4.020

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/B															
-.877															
-.856															
-.834															
-.813															
-.182															
-.170															
-.149															
-.137															
-.085															
-.064															
-.043															
-.021															
.000															
-.2492															
-.3259															
-.4194															
-.4609															
-.3391															
-.3356															
-.6848															
-.7607															
-.7855															
-.1911															
-.3928															
-.4340															
-.5240															
-.1933															
-.1803															



ALPHA (1) = -.7930 BETA (2) = -4.320

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	1/8W	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	-.137			.0000	.0000	.0000	.0000	.0000				-.0654	-.1908	-.3026	-.3901	-.4569
	-.085			.0000	.0000	.0000	.0000	.0000				-.0786	-.1653	-.2882	-.4217	-.5744
	-.064		.0000	.0000	.0000	.0000	.0000	.0000				-.0826	-.1535	-.2210	-.3316	-.4473
	-.043		.0000	.0000	.0000	.0000	.0000	.0000				-.1028	-.1550	-.2119	-.3487	-.4487
	-.021		.0000	.0000	.0000	.0000	.0000	.0000				-.1314	-.1638	-.2203	-.3116	-.4888
	.000		.0000	.0000	.0000	.0000	.0000	.0000								

K/LB .6380

1/8W	-.107	-.085	-.064	-.043	-.021	.000
	-.107	-.085	-.064	-.043	-.021	.000

ALPHA (1) = -.7080 BETA (3) = .040

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	-.877														
	-.836														
	-.834														
	-.813														
	-.188														
	-.170														
	-.148														
	-.107														
	-.049														
	-.044														
	-.043														
	-.021														
	.000														

K/LB .6380

1/8W	-.107	-.085	-.064	-.043	-.021
	-.107	-.085	-.064	-.043	-.021

ALPHA ( 1 ) = -7.920 BETA ( 3 ) = .040

SECTION ( 1 ) CARB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6360

Y/BA  
-.081 -.6881  
.000 -.6329

ALPHA ( 1 ) = -7.930 BETA ( 4 ) = 4.090

SECTION ( 1 ) CARB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0470	.0950	.1080	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
-.277															
-.256															
-.234															
-.213															
-.192															
-.170															
-.148															
-.127															
-.105															
-.084															
-.063															
-.041															
-.020															

X/LB .6360

Y/BA  
-.107 -.5486  
-.085 -.5307  
-.064 -.5128  
-.043 -.4948  
-.021 -.4769  
.000 -.4589



DATE 08 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

ARC11-716 1:14 ORBITER+312M3 ORB ATTACH PTS (R01148)

ALPHA ( 1 ) = -7.050 BETA ( 5 ) = 8.230

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0930	.1020	.110	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500								
Y/B																							
1/BW																							
-877											.1719	.1308	.0674	-.0102									
-856								.1714			.1652	.1146	.0342	-.0764									
-834							.1093				.1749	.0936	-.0381	-.1610									
-813											.1875	.1585											
-192											.0000	.1428	-.0430	-.2738	-.4538								
-170											.1417		-.1649	-.4506	-.6108								
-149													-.0278	-.3508	-.7204								
-137															-.6838								
-105															-.3142	-.5060	-.7109	-.8116	-.6795				
-104																-.3404	-.5908	-.6547	-.7575	-.7874			
-043																	-.3646	-.4848	-.5979	-.6792	-.6970		
-021																		-.3600	-.4590	-.5583	-.5807	-.5410	
.000																			-.3837	-.4556	-.5180	-.5675	-.5561

X/LB .8580

Y/BW	-1.07	-.6617	-.5304	-.5355	-.4836	-.5662	-.6591
1/BW							

ALPHA ( 2 ) = -3.940 BETA ( 1 ) = -8.110

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0510	.0830	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/B															
1/BW															
-877															
-856															
-834															
-813															
-192															
-170															
-149															
-137															
-105															
-104															
-043															
-021															
.000															

X/LB .1680

Y/BW	-1.07	-.6617	-.5304	-.5355	-.4836	-.5662	-.6591
1/BW							

ARC11-716 IAI4 Q1-7112+512N25 ORB ATTACH PTC (RB1148)

ALPHA( 2 ) = -3.840 BETA( 1 ) = -8.110

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

Y/LB .8580

Y/BA	-1.107	-1.7548
	-1.085	-1.6314
	-1.064	-1.6231
	-1.043	-1.6323
	-1.021	-1.6416
	-1.000	-1.6000

ALPHA( 2 ) = -3.960 BETA( 2 ) = -4.020

SECTION ( 1 ) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8930

Y/BA	-1.277													
	-1.256													
	-1.234													
	-1.213													
	-1.192													
	-1.170													
	-1.149													
	-1.107													
	-1.065													
	-1.064													
	-1.043													
	-1.021													
	-1.000													

X/LB .8580

Y/BA	-1.107	-1.7889
	-1.085	-1.6728
	-1.064	-1.6391
	-1.043	-1.6443
	-1.021	-1.6639
	-1.000	-1.6199



(R01140)

ORB ATTACH PTS

ARC1-716 IAI4 01+112+12N25

ALPHA ( 2 ) = -3.890 BETA ( 3 ) = .050

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1190	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8950
Y/BW	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.728	-.707	-.686	-.665	-.644	-.623	-.602	-.581
X/LB	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980

ALPHA ( 2 ) = -3.890 BETA ( 4 ) = 4.130

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8950
Y/BW	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.728	-.707	-.686	-.665	-.644	-.623	-.602	-.581
X/LB	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980	.8980

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DA 08 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10

ARC11-716 IAL14 01+T12+SIENES (RB1148)

ALPHA ( 3 ) = -.310 BETA ( 1 ) = -6.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.236														
	-.234														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	-.000														
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.1876														
	-.2144														
	-.2986														
	-.3543														
	-.2546														
	-.4794														
	-.4623														
	-.7110														
	-.6462														
	-.3889														
	-.4131														
	-.2699														
	-.3047														
	-.2840														
	-.6501														

X/LB .8580

Y/BW	
	-.107
	-.085
	-.6074
	-.3992
	-.043
	-.6090
	-.021
	-.6167
	-.000
	-.5543

ALPHA ( 3 ) = -.330 BETA ( 2 ) = -4.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.148														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	-.000														
X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
	-.1630														
	-.1930														
	-.2646														
	-.3155														
	-.2337														
	-.4395														
	-.6035														
	-.6832														
	-.7096														
	-.6615														
	-.7186														
	-.4505														
	-.5947														
	-.3197														
	-.3882														
	-.3589														
	-.3615														

X/LB .8580

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ALPHA( 3 ) = -.330 BETA( 2 ) = -4.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8380

Y/BW	
-.107	-.7681
-.085	-.6481
-.064	-.6120
-.043	-.6176
-.021	-.6364
.000	-.5887

ALPHA( 3 ) = -.340 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW														
-.277														
-.856														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .8380

Y/BW	
-.107	-.4867
-.085	-.5442
-.064	-.6482
-.043	-.6039
-.021	-.6486
.000	-.6168



DATE 08 JAN 78 TABULATED PRESSURE DATA - IAI-A - VOL. 10

(R81148)

ORB ATTACH PTS

ARC11-716 IAI# 01+T12+SIENES

ALPHA ( 3 ) = -.340 BETA ( 4 ) = 4.110

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.728	-.707	-.686	-.665	-.644	-.623	-.602	-.581
Y/BW	-.107	-.085	-.064	-.043	-.021	-.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X/LB	.8580														

X/LB .8580

Y/BW  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 -.000  
 -.000  
 -.000  
 -.000  
 -.000  
 -.000  
 -.000  
 -.000  
 -.000  
 -.000  
 -.000

ALPHA ( 3 ) = -.340 BETA ( 5 ) = 6.180

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.856	-.834	-.813	-.792	-.770	-.749	-.728	-.707	-.686	-.665	-.644	-.623	-.602	-.581
Y/BW	-.107	-.085	-.064	-.043	-.021	-.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X/LB	.8580														

X/LB .8580

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DATE 09 JAN 75

T-RULATED PRESSURE DATA - IAI4A - VOL. 10

0102 9804

ARC11-716 IAI4 OLP112\*512N23 DRB ATTACH PTS (RB1140)

ALPHA( 3 ) = -.340 BETA( 3 ) = 8.180

SECTION ( 1 ) DRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BA	
	-1.107
	-.6379
	-.085
	-.5330
	-.064
	-.5444
	-.043
	-.5417
	-.021
	-.4304
	.000
	-.5333

ALPHA( 4 ) = 4.170 BETA( 4 ) = -8.230

SECTION ( 1 ) DRB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7500	.7960	.0040	.0110	.6190	.8270	.8350	.8500
Y/BA															
	-.277														
	-.236														
	-.834														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.9580														
Y/BA															
	-1.107														
	-.6791														
	-.5804														
	-.5742														
	-.5808														
	-.5892														
	-.4643														



(R01140)

ORB ATTACH PTS

ARC11-716 IA14 01+T12+S12M25

ALPHA( 4 ) = 4.180 BETA( 2 ) = -4.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.127														
	-.085														
	-.064														
	-.043														
	-.021														
	-.000														
X/LB	.0380														
Y/BW	-.107	-.7367													
	-.085	-.6213													
	-.064	-.5932													
	-.043	-.5991													
	-.021	-.6126													
	-.000	-.5487													

ALPHA( 4 ) = 4.170 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.127														
	-.085														
	-.064														
	-.043														
	-.021														
	-.000														
X/LB	.0380														
Y/BW	-.107	-.7367													
	-.085	-.6213													
	-.064	-.5932													
	-.043	-.5991													
	-.021	-.6126													
	-.000	-.5487													

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ALPHA ( 4 ) = 4.170 BETA ( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/LB  
 -.107 -.9081  
 -.069 -.5251  
 -.064 -.6066  
 -.043 -.5964  
 -.021 -.6479  
 .000 -.6126

ALPHA ( 4 ) = 4.170 BETA ( 4 ) = 4.130

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670

Y/LB  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.148  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

.0910 .1020 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8350 .8900

.1836 .1329 .0731 -.0018  
 .1711 .1238 .0462 -.0618  
 .1745 .1102 -.0175 -.1350  
 .1709  
 .1706 .0157 -.2110 -.3648  
 .1430 -.0794 -.3555 -.5389  
 .0836 -.1986 -.5033 -.6399  
 -.1511 -.3338 -.5619 -.6955 -.7377  
 -.1806 -.3279 -.5008 -.6322 -.6836  
 -.1969 -.3127 -.4466 -.5520 -.5898  
 -.2147 -.2980 -.4014 -.4244 -.5147  
 -.2147 -.2896 -.3546 -.4137 -.3428

X/LB .6580

Y/LB  
 -.107 -.5582  
 -.068 -.4774  
 -.064 -.5187  
 -.043 -.5672  
 -.021 -.6613  
 .000 -.6159



DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(RB1148)

ORB ATTACH PTS

ARC11-716 1A14 01\*112+112N25

ALPHA ( 4 ) = 4.180 BETA ( 5 ) = 8.240

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.277											.2528	.2022	.1411	.0660	
-1.256							.2628				.2454	.1989	.1205	.0104	
-1.234							.2412				.2497	.1881	.0556	-.0587	
-1.213							.2255	.1689			.2515	.0950	-.1393	-.3036	
-1.192							.2018				.2471	-.0131	-.2870	-.4790	
-1.170							.2456				.2034	-.0131	-.2870	-.4790	
-1.148											.1270	-.1589	-.4639	-.6088	
-1.107															-.7742
-1.085											-.1863	-.4052	-.6423	-.7761	-.7854
-1.064						.0000	.0000	.0000	.0000		-.2273	-.4078	-.5886	-.7147	-.7520
-1.043						.0000	.0000	.0000	.0000		-.2646	-.4059	-.5422	-.6348	-.8930
-1.021						.0000	.0000	.0000	.0000		-.2927	-.3913	-.5063	-.5920	-.8279
-1.000						.0000	.0000	.0000	.0000		-.3067	-.3078	-.4580	-.4223	-.4437

K/LB .8580

Y/BW
-1.107
-1.085
-1.064
-1.043
-1.021
-1.000

ALPHA ( 5 ) = 2.130 BETA ( 1 ) = -4.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1250	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.277											-.1026	-.1640	-.2172	-.2689	
-1.256											-.0756	-.2062	-.2695	-.3214	
-1.234											-.1370	-.2545	-.3397	-.3727	
-1.213											-.1573	-.3615	-.4319	-.5389	
-1.192											-.1745	-.3710	-.6072	-.6694	
-1.170											-.1715	-.3133	-.5831	-.6619	
-1.148											-.0558	-.3133	-.5831	-.6619	
-1.107											.0034	-.0879	-.2595	-.4096	-.5972
-1.085											-.0186	-.0823	-.1865	-.3207	-.4824
-1.064											-.0307	-.0819	-.1486	-.2669	-.3617
-1.043											-.0549	-.0954	-.1093	-.2827	-.3889
-1.021											-.0668	-.1099	-.1399	-.2756	-.3271
-1.000															

K/LB .8580

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ARC11-716 IA14 01+T12+312N25 ORB ATTACH PTS (RB1148)

ALPHAO ( 5 ) = 0.130 BETA0 ( 1 ) = -4.040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/DB
-.107
-.088
-.064
-.043
-.021
.000

ALPHAO ( 5 ) = 0.130 BETA0 ( 2 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/DB
-.877
-.836
-.834
-.813
-.192
-.170
-.149
-.107
-.065
-.084
-.043
-.021
.003

X/LB .8580

Y/DB
-.107
-.088
-.064
-.043
-.021
.000



(R81148)

ORB ATTACH PTS

URC11-716 IAL4 DUTY-SIGN22

ALPHA ( 3 ) = 6.1100 BETA ( 3 ) = 6.1600

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B	0.0970	0.0990	0.1020	0.1100	0.1180	0.1260	0.1330	0.7880	0.7960	0.8040	0.8110	0.8190	0.8270	0.8350	0.8500
-0.877	-0.838	-0.834	-0.813	-0.792	-0.768	-0.742	-0.714	-0.683	-0.650	-0.615	-0.578	-0.539	-0.498	-0.455	-0.410	-0.363
-0.364	-0.343	-0.321	-0.298	-0.273	-0.246	-0.217	-0.186	-0.153	-0.119	-0.083	-0.045	-0.006	0.034	0.073	0.110	0.145
-0.081	-0.060	-0.038	-0.015	0.008	0.031	0.053	0.074	0.093	0.110	0.125	0.138	0.149	0.157	0.162	0.165	0.166
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X/L = 0.880

Y/B =

-0.877

-0.838

-0.834

-0.813

-0.792

-0.768

-0.742

-0.714

-0.683

-0.650

-0.615

-0.578

-0.539

-0.498

-0.455

-0.410

-0.363

ALPHA ( 3 ) = 6.1100 BETA ( 4 ) = 6.2700

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B	0.0970	0.0990	0.1020	0.1100	0.1180	0.1260	0.1330	0.7880	0.7960	0.8040	0.8110	0.8190	0.8270	0.8350	0.8500
-0.877	-0.856	-0.834	-0.813	-0.792	-0.768	-0.742	-0.714	-0.683	-0.650	-0.615	-0.578	-0.539	-0.498	-0.455	-0.410	-0.363
-0.364	-0.343	-0.321	-0.298	-0.273	-0.246	-0.217	-0.186	-0.153	-0.119	-0.083	-0.045	0.006	0.045	0.083	0.120	0.155
-0.081	-0.060	-0.038	-0.015	0.008	0.031	0.053	0.074	0.093	0.110	0.125	0.138	0.149	0.157	0.162	0.165	0.166
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X/L = 0.880



A. HAD 3.1 8.150 82149 4.1 8.150

SECTION 11/75 AS ACH 10115 DEPENDENT VARIABLE CP

1/1.8 .0580

1/84	- .107	- .6477
	- .085	- .3762
	- .064	- .3338
	- .045	- .2867
	- .021	- .2425
	.000	- .2021



REFERENCE DATA

SALS 1 2.4210 38.11 AMPH 1 29.3000 INCHES  
 REF 1 30.7000 INCHES TEMP 2 10.0000 INCHES  
 REF 1 30.7000 INCHES TEMP 3 10.0000 INCHES  
 SCALE 1 10.0000 SCALE

ALPHA ( 1 ) = -7.800 BETA ( 1 ) = -0.060

SECTION 11 DRB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	0.071	0.093	0.020	0.110	0.100	0.250	0.550	0.810	0.190	0.070	0.350	0.950
-0.877												
-0.896												
-0.834												
-0.813												
-0.192												
-0.170												
-0.149												
-0.127												
-0.064												
-0.043												
-0.021												
-0.000												

Y/LB 0.6500

Y/B  
 -0.107 -0.084  
 -0.083 -0.070  
 -0.064 -0.049  
 -0.043 -0.032  
 -0.021 -0.021  
 0.000 -0.025

ALPHA ( 2 ) = -7.800 BETA ( 2 ) = -4.000

SECTION 11 DRB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	0.070	0.093	0.020	0.110	0.100	0.250	0.550	0.810	0.190	0.070	0.350	0.950
-0.877												
-0.896												
-0.834												
-0.813												
-0.192												
-0.170												
-0.149												
-0.127												
-0.064												
-0.043												
-0.021												
-0.000												

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DATE 09 JAN 73 TABULATED PRESSURE DATA - IAL14A - VOL. 1C

(RB1149)

ORB ATTACH PTS

ARC11-716 IAL4 OR112+312N2

ALPHA( 1 ) = -7.860 BETA( 3 ) = .94C

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BA  
-.021  
.000

ALPHA( 1 ) = -7.870 BETA( 4 ) = 4.100

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0990 .1020 .1100 .1160 .1260 .1330 .7867 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BA  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
-.000

X/LB .8500

Y/BA  
-.107  
-.085  
-.064  
-.043  
-.021  
-.000

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OF POOR QUALITY





DATE 24 JAN 72 TABULATED PRESSURE DATA - IAT145 - VOL. 10

REF 1-716 IATA 04-712+512405 ORB ATTACH 315 (881149)

ALPHA (Z) = -3.930 BETA (Z) = -6.100

SECTION 1 ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/DB  
-.107 -.6855  
-.085 -.5123  
-.094 -.5402  
-.043 -.3491  
-.021 -.2531  
.005 -.1533

ALPHA (Z) = -3.690 BETA (Z) = -4.120

SECTION 1 ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1340 .7880 .7960 .8040 .8120 .8270 .8350 .8500

Y/DB  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.1849  
-.2098  
-.2257  
-.2407  
-.2336  
-.1820  
-.0913  
-.2418  
-.2800  
-.3232  
-.3640  
-.4484  
-.4501  
-.5923  
-.6015  
-.6559  
-.6991  
-.3865  
-.6300  
-.6866  
-.6316  
-.3478  
-.4700  
-.3489  
-.3342  
-.3441

X/LB .8580

Y/DB  
-.107 -.7092  
-.085 -.5995  
-.064 -.3608  
-.043 -.2641  
-.021 -.1829  
.000 -.1433





DATE 05 JAN 76 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1149)

ORB ATTACH PTS

ARC11-716 IA14 01+T12+512N25

ALPHA( 2 ) = -3.890 BETA( 4 ) = 4.000

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB .8580

Y/IN	
-1.107	-4.864
-1.085	-4.426
-1.064	-4.937
-1.043	-5.555
-1.021	-6.022
.000	-6.254

ALPHA( 2 ) = -3.890 BETA( 5 ) = 8.180

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VAR. 3' CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/IN															
-1.877											.2525	.2108	.1492	.0749	
-1.856								.2623			.2486	.1993	.1217	.0148	
-1.234								.2674			.2509	.1840	.0532	-.0618	
-1.213							.0956	.2854			.2511				
-1.192								.0900			.2476	.0716	-.1572	-.3328	
-1.170								.2576			.2020	-.0511	-.3187	-.4927	
-1.149											.1100	-.2056	-.4851	-.6002	
-1.127															-.7005
-1.095															-.8099
-1.064															-.8809
-1.043															-.9329
-1.021															-.9821
.000															-.9862

X/LB .8580

Y/IN	
-1.107	-5.903
-1.085	-5.5104
-1.064	-4.948
-1.043	-4.603
-1.021	-4.279
.000	-5.5167

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(R81142)

ORB ATTACH PTS

ALPHA( 3 ) = .310 BETA( 1 ) = -8.100

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B	.0970	.0930	.1020	.1100	.1180	.1260	.1330	.7860	.7980	.8040	.8110	.8190	.8270	.8350	.8500
-.877	-.1584															
-.838	-.1651															
-.834	-.2048															
-.813	-.2127															
-.192	-.1902															
-.170	-.1138															
-.149	-.0097															
-.107	.0806															
-.085	.0482															
-.064	.0333															
-.043	.0043															
-.021	-.0125															
.000																

X/L 8 .8380

Y/B 4

-.107	-.6444
-.085	-.5353
-.064	-.3277
-.043	-.3398
-.021	-.5320
.000	-.4931

ALPHA( 3 ) = .330 BETA( 2 ) = -4.030

SECTION ( 2 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/L	Y/B	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
.877	-.1156															
.838	-.1423															
.834	-.1648															
.813	-.0571															
.192	-.0514															
.170	-.0409															
.149	-.1828															
.107	-.1323															
.085	-.0497															
.064	.0362															
.043	.0131															
.021	-.0037															
.000	-.0260															
.300	-.0317															

X/L 8 .8380

Y/B 4

.877	-.2665
.838	-.3860
.834	-.3882
.813	-.5684
.192	-.6674
.170	-.6458
.149	-.6100
.107	-.3823
.085	-.4468
.064	-.3814
.043	-.8867
.021	-.8710
.000	-.8935



DATE 09 JAN 73 TABULATED PRESSURE DATA - IAI47 - VOL. 10

(RB1149)

ORB ATTACH PTS

ARC01-712 FILE 01412-51285

ALPHA( 3 ) = -.330 BETA( 2 ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6500

Y/LB	
-107	-6860
-085	-5734
-064	-3352
-043	-5411
-021	-5610
.000	-5148

ALPHA( 3 ) = -.340 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0900 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/LB														
-277														
-236														
-234														
-213														
-192														
-170														
-148														
-107														
-085														
-064														
-043														
-021														
.000														

X/LB .6500

Y/LB	
-107	-4832
-085	-5066
-064	-5748
-043	-5289
-021	-5709
.000	-5410

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ARC11-114 IAI14 D1+Y12+81242

30P ATTACH FTS

ALPHA (3) = .340 BETAS (4) = 4.135

SECTION 110246 ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
1784										
- 277										
- 296										
- 234										
- 213										
- 192										
- 170										
- 149										
- 127										
- 105										
- 84										
- 63										
- 42										
- 21										
00										
27.5										
Y/B										
- 107										
- 285										
- 264										
- 243										
- 221										
00										

ALPHA (3) = .340 BETAS (4) = 4.135

SECTION 110246 ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
1784										
- 277										
- 296										
- 234										
- 213										
- 192										
- 170										
- 149										
- 127										
- 105										
- 84										
- 63										
- 42										
- 21										
00										
27.5										
Y/B										
- 107										
- 285										
- 264										
- 243										
- 221										
00										

ALPHA (3) = .340 BETAS (4) = 4.135

SECTION 110246 ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
1784										
- 277										
- 296										
- 234										
- 213										
- 192										
- 170										
- 149										
- 127										
- 105										
- 84										
- 63										
- 42										
- 21										
00										
27.5										
Y/B										
- 107										
- 285										
- 264										
- 243										
- 221										
00										



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 1E

(RB1149)

ORB ATTACH PTS

ARC1: -716 IAI14 01+112+312N25

ALPHA( 3 ) = -.340 BETA( 5 ) = 6.170

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW  
 -.107 -3.698  
 -.085 -4.910  
 -.064 -4.849  
 -.043 -4.833  
 -.021 -3.600  
 .000 -4.657

ALPHA( 4 ) = 4.130 BETA( 1 ) = -8.080

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.083  
 -.064  
 -.043  
 -.021  
 .000

.0070 .0090 .1080 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500  
 -.1366 -.1987 -.2438 -.2730  
 -.1634 -.2481 -.3017 -.3275  
 -.1793 -.2964 -.3747 -.3976  
 -.1817  
 -.1579 -.3839 -.5846 -.6476  
 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000  
 .0166 .0097 -.2543 -.5222 -.6091  
 .0784 .0019 -.1461 -.2934 -.4397  
 .0477 .0027 -.0784 -.2210 -.3156  
 .0328 -.0583 -.0412 -.1890 -.2385  
 .0046 -.0290 -.0111 -.2173 -.2294  
 -.0083 -.0449 -.0843 -.1503 -.1291

X/LB .6560

Y/BW  
 -.107 -6.082  
 -.075 -5.139  
 -.044 -5.054  
 -.043 -5.123  
 -.021 -5.210  
 .000 -4.4012





LABULATED PRESSURE DATA - IATA4 - VOL. 10

DATE 06 JAN 73

(RB1149)

ORB ATTACH PTS

ARC: 1116 IATA 01112+512N25

ALPHA( 4 ) = 4.000 BETA( 4 ) = 4.110

SECTION 111600 ATTACH POINTS DEPENDENT VARIABLE CF

X/LB .8300

Y/LB  
 -.107 -.4882  
 -.085 -.4527  
 -.084 -.5331  
 -.045 -.5149  
 -.021 -.5662  
 .000 -.5340

ALPHA( 4 ) = 4.030 BETA( 4 ) = 4.110

SECTION 111600 ATTACH POINTS DEPENDENT VARIABLE CF

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330

Y/LB  
 -.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 -.043  
 -.022  
 .000  
 .000

X/LB .8300

Y/LB  
 -.107 -.4803  
 -.085 -.4205  
 -.084 -.4418  
 -.043 -.4866  
 -.021 -.4924  
 .000 -.5440

.7960 .7980 .7980 .8110 .8190 .8270 .8330 .8500  
 .2370 .2405 .2442 .2486 .2531 .2579 .2629 .2684  
 .2132 .2037 .1862 .1302 .1879 .1765 .1610 .1482  
 .1916 .1915 .1915 .1915 .1915 .1915 .1915 .1915  
 .1302 .1302 .1302 .1302 .1302 .1302 .1302 .1302  
 -.1564 -.1564 -.1564 -.1564 -.1564 -.1564 -.1564 -.1564  
 -.1366 -.1366 -.1366 -.1366 -.1366 -.1366 -.1366 -.1366  
 -.1568 -.1568 -.1568 -.1568 -.1568 -.1568 -.1568 -.1568  
 -.1750 -.1750 -.1750 -.1750 -.1750 -.1750 -.1750 -.1750  
 -.1736 -.1736 -.1736 -.1736 -.1736 -.1736 -.1736 -.1736  
 -.2464 -.2464 -.2464 -.2464 -.2464 -.2464 -.2464 -.2464  
 -.3045 -.3045 -.3045 -.3045 -.3045 -.3045 -.3045 -.3045  
 -.4467 -.4467 -.4467 -.4467 -.4467 -.4467 -.4467 -.4467  
 -.3958 -.3958 -.3958 -.3958 -.3958 -.3958 -.3958 -.3958  
 -.3526 -.3526 -.3526 -.3526 -.3526 -.3526 -.3526 -.3526  
 -.3055 -.3055 -.3055 -.3055 -.3055 -.3055 -.3055 -.3055  
 -.6264 -.6264 -.6264 -.6264 -.6264 -.6264 -.6264 -.6264  
 -.6106 -.6106 -.6106 -.6106 -.6106 -.6106 -.6106 -.6106  
 -.5194 -.5194 -.5194 -.5194 -.5194 -.5194 -.5194 -.5194  
 -.4749 -.4749 -.4749 -.4749 -.4749 -.4749 -.4749 -.4749  
 -.3683 -.3683 -.3683 -.3683 -.3683 -.3683 -.3683 -.3683  
 -.3024 -.3024 -.3024 -.3024 -.3024 -.3024 -.3024 -.3024  
 -.6504 -.6504 -.6504 -.6504 -.6504 -.6504 -.6504 -.6504

DATE OF JAN 75 TABULATED PRESSURE DATA - IAI14A - VOL. 10

(RB1149)

ARC51-716 IAI4 C1+T12+312M25 ORB ATTACH P15

ALPHA ( 1 ) \* 4.030 BETA ( 5 ) \* 8.210

SECTION ( 1 ) \* 008 ATTACH POINTS DEPENDENT VARIABLE CP

1/18	0870	0903	1020	1100	1100	1280	1330	1780	1960	2040	2110	2190	2270	2350	2430
1/18M															
- 877											2981	2523	1948	1214	
- 886											3057	2914	2466	1746	0873
- 894											3087	2924	2356	1062	-0008
- 898											2936	2936	2936	2936	2936
- 902											2930	2930	1466	-0812	-2376
- 910											2865	2865	2865	2865	2865
- 918											1702	-1085	-3985	-5231	-6835
- 927											-1369	-3503	-5786	-6973	-8921
- 935											-1763	-3539	-5312	-6418	-8713
- 944											2197	-3543	-4874	-5705	-8224
- 948											-2519	-3450	-4510	-5302	-7650
- 952											-2647	-3454	-4426	-5393	-7754
- 959															

1/18 8560

- 1/18M
- 107 - 3713
- 105 - 4483
- 104 - 4858
- 103 - 4737
- 101 - 4696
- 100 - 4812

ALPHA ( 8 ) \* 8.040 BETA ( 1 ) \* 8.090

SECTION ( 1 ) \* 008 ATTACH POINTS DEPENDENT VARIABLE CP

1/18	0870	0930	1020	1100	1100	1280	1330	1780	1960	2040	2110	2190	2270	2350	2430
1/18M															
- 877											-1206	-1819	-2331	-2742	
- 886											-0797	-1479	-2300	-2923	-3331
- 894											-0779	-1641	-2766	-3655	-3992
- 898											-0727	-1651	-1651	-1651	-1651
- 902											0000	0000	0000	0000	0000
- 910											0235	0235	0235	0235	0235
- 918											0198	0198	0198	0198	0198
- 927											0778	0041	-1450	-2886	-4413
- 935											0785	0053	-0607	-2150	-3847
- 944											0331	-0083	-0461	-1325	-2259
- 948											0723	-0290	-0279	-1193	-1983
- 952											0134	-0470	0087	-1129	-0985
- 959															

1/18 8560





(RB1149)

ORB ATTACH PIS

RFC11-116 1414 01+112+S12M25

ALPHA( 5 ) = 0.060 BETA( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7950	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
	-.877														
	-.256														
	-.234														
	-.213														
	-.192							.0854	.0736	.0452	.0204				
	-.170								.0686	.0600	-.0386	-.1709	-.2866	-.3071	
	-.149									.1360	-.0564	-.2308	-.3595	-.2952	
	-.107										-.0650	-.2737	-.4149	-.2676	
	-.065														-.1468
	-.054						.0000	.0000	.0000	.0000	-.0648	-.1829	-.3454	-.4382	-.4084
	-.043		.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.0590	-.1579	-.2801	-.3683	-.4377
	-.021		.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.0511	-.1294	-.2243	-.2839	-.4368
	-.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.0509	-.1130	-.1631	-.2616	-.3175
X/LB	.8500														

X/LB .8500

Y/BA

- .107
- .4595
- .4454
- .4793
- .4036
- .3602
- .5285

ALPHA( 5 ) = 0.060 BETA( 4 ) = 4.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
	-.877														
	-.256														
	-.234														
	-.213														
	-.192							.1564	.2103	.2343	.2201	.1700	.0468	-.0594	
	-.170								.1781	.2428	.2216				
	-.149									.0000	.0692	-.1314	-.2963		
	-.107								.2170	.1903	-.0062	-.2635	-.4439		
	-.085										.1312	-.1240	-.4085	-.5416	
	-.064														-.6323
	-.043		.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.0944	-.2760	-.4870	-.6165	-.6226
	-.021		.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.1224	-.2717	-.4304	-.5527	-.5882
	-.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.1404	-.2379	-.3803	-.4746	-.5066
		.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.1545	-.2401	-.3343	-.3633	-.4647
		.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.1350	-.2320	-.2901	-.3253	-.3110

X/LB .8500



DATE OF JAN 75 TABULATED PRESSURE DATA - IATAK - VOL. 1C

ORB ATTACH PTS

(R81349)

ARC11-716 (A14 01-112-512M23

ALPHA2 (5) = 0.060 BETA2 (4) = 4.142

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	Y/BW
.0580	
	.107
	-.4849
	-.065
	-.4223
	-.064
	-.4365
	-.043
	-.4738
	-.021
	-.4700
	.000
	-.3324

ALPHA2 (5) = 0.050 BETA2 (5) = 0.270

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	Y/BW	.0670	.0930	.1020	.1100	.1180	.1260	.1330	.7960	.8040	.8110	.8190	.8270	.8350	.8500
	.107														
	-.4849														
	-.065														
	-.4223														
	-.064														
	-.4365														
	-.043														
	-.4738														
	-.021														
	-.4700														
	.000														
	-.3324														

ALPHA2 (5) = 0.060 BETA2 (4) = 4.142

SECTION (1) ORB ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	Y/BW
.0580	
	.107
	-.4849
	-.065
	-.4223
	-.064
	-.4365
	-.043
	-.4738
	-.021
	-.4700
	.000
	-.3324

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ARC11-716 IAI4 UJ+T12+S12M25

ORB ATTACH P15

ORB ATTACH P15

ARC11-716 IAI4 UJ+T12+S12M25

ARC11-716 IAI4 UJ+T12+S12M25

REFERENCE DATA

BREF = 2.4210 SQ.FT. XMRP = 29.5900 INCHES  
 LREF = 30.7090 INCHES YMRP = .0000 INCHES  
 BREF = 39.7990 INCHES ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHA( 1 ) = -8.010 BETA( 1 ) = -8.020

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.255														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.0920	.0980	.1060	.1140	.1220	.1300	.1380	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
Y/BW	-.277														
	-.255														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														

X/LB .8580

Y/BW

-.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000  
 -.4201

ALPHA( 1 ) = -8.010 BETA( 2 ) = -4.000

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														
X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
	-.256														
	-.234														
	-.213														
	-.192														
	-.170														
	-.149														
	-.107														
	-.085														
	-.064														
	-.043														
	-.021														
	.000														



DATE 05 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1150)

ORB ATTACH PTS

ARC11-716 IA14 OI+TIP+S12N25

ALPHA( 1 ) = -.810 BETA( 2 ) = -4.005

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.107	-.065	-.064	-.043	-.021	.070	.0000	.0000	.0000	.0000	.0034	-.0662	-.2336	-.3865	-.4586
X/LB	.6580										.0034	-.0662	-.2336	-.3865	-.4586
Y/BW	-.107	-.5998	-.085	-.5115	-.064	-.4612	-.043	-.4500	-.021	-.4628	.000	-.4367			

DATA OF POOR QUALITY

ALPHA( 1 ) = -.810 BETA( 3 ) = .030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.877	-.256	-.234	-.213	-.192	-.170	-.149	-.107	-.065	-.064	-.043	-.021	.090	.0000	.0000
X/LB	.6580										.0034	-.0662	-.2336	-.3865	-.4586
Y/BW	-.107	-.5998	-.085	-.5115	-.064	-.4612	-.043	-.4500	-.021	-.4628	.000	-.4367			



TABULATED PRESSURE DATA - IA14A - VOL. 10

(RB1150)

OR8 ATTACH P7:

ARC11-716 IA14 G1+T12+S12M25

ALPHA( 1 ) = -8.000 BETA( 3 ) = .030

SECTION ( 1 ) OR8, ATTACH POINTS DEPENDENT VARIABLE CF

X/A B .8580  
Y/BW  
-.081 -.4430  
.000 -.4333

ALPHA( 1 ) = -8.010 BETA( 4 ) = 4.100

SECTION ( 1 ) OR8, ATTACH POINTS DEPENDENT VARIABLE CF

X/A B	.0873	.0950	.1020	.1100	.1183	.1263	.1330	.7680	.7963	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277														
-.256															
-.234															
-.213															
-.192															
-.173															
-.149															
-.107															
-.085															
-.064															
-.045															
-.021															
.000															

X/A B	.8580
Y/BW	
-.107	-.4566
-.085	-.4736
-.064	-.5100
-.043	-.5248
-.021	-.5313
.000	-.5415



DATE 06 JAN 74 TABULATED PRESSURE DATA - IAJ44 - VOL. 10

ORB ATTACH PTS (RB1150)

ARC11-716 IALA OI+I1E+SI2N25

ALPHA ( 1 ) = -8.030 BETA ( 5 ) = 8.160

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.877															
-1.856															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.085															
-1.064															
-1.043															
-1.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								
X/LB	.0880														
Y/BW															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								

ALPHA ( 2 ) = -3.030 BETA ( 1 ) = -8.030

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-1.877															
-1.856															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.085															
-1.064															
-1.043															
-1.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								
X/LB	.0880														
Y/BW															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000								

X/LB .8500

ORBITAL PRESSURE DATA  
IJA44 - VOL. 10  
PAGE 5911

DATE 09 JAN 75

TABULATED PRESSURE DATA - IA144 - VOL. 10

PAGE 5912

ARC11-716 IA14 OI+TI2+SI2K25 OR8 ATTACH PIS (R81150)

ALPHA ( 1 ) = -3.930 BETA ( 1 ) = -8.050

SECTION ( 1 ) OR8, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.8580
Y/BA	
	-.107
	-.3621
	-.085
	-.4534
	-.084
	-.4211
	-.043
	-.4253
	-.021
	-.4427
	.000
	-.4013

ALPHA ( 2 ) = -3.930 BETA ( 2 ) = -4.020

SECTION ( 1 ) OR8, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BA															
	-.277											-.1576	-.2048	-.2524	-.2769
	-.256									-.1336	-.1762	-.2379	-.2931	-.3267	
	-.234									-.1155	-.1301	-.1907	-.2707	-.3333	-.3644
	-.213									-.0952	-.1053	-.1203	-.1979		
	-.192									-.0704	.0000	-.1833	-.3493	-.5012	-.3271
	-.170									-.0634	-.1309	-.3322	-.5454	-.5831	
	-.149										-.0425	-.2899	-.5140	-.5690	
	-.127														-.5173
	-.105										.0505	-.0347	-.1944	-.3277	-.4357
	-.084				.0000	.0000	.0000	.0000	.0000	.0000	.0318	-.0156	-.1231	-.2354	-.3671
	-.063	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.0343	-.0926	-.0773	-.1714	-.2759	
	-.021	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.1375	-.0997	-.0276	-.1935	-.2279	
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	-.1410	-.0659	-.0164	-.1919	-.2363	
X/LB	.8580														

Y/BA	
	-.107
	-.3623
	-.085
	-.4562
	-.084
	-.4423
	-.043
	-.4343
	-.021
	-.4425
	.000
	-.4202



ARC11-716 IA14 O1+T1B+SIGNES

(RB1150)

ORG ATTACH PTS

ALPHA(2) = -3.940 BETA(3) = .050

SECTION (1)ORG. ATTACH POINTS DEFENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/RW															
-1.277															
-1.236															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															

X/LB .8390

Y/RW

-1.107	-1.4479
-1.085	-3.150
-1.064	-4.887
-1.043	-4.840
-1.021	-4.378
-1.000	-4.213

ALPHA(2) = -3.940 BETA(4) = 4.090

SECTION (1)ORG. ATTACH POINTS DEFENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/RW															
-1.277															
-1.236															
-1.234															
-1.213															
-1.192															
-1.170															
-1.149															
-1.107															
-1.085															
-1.064															
-1.043															
-1.021															
-1.000															

X/LB .8390

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(R0115D)

308 ATTACH P03

ARC11-716 IAL4 01+118+12823

ALPHA( 2 ) = -3.940 BETA( 4 ) = 2.090

SECTION ( 1 ) 308. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB
.0980	.0980
.107	-.3923
-.088	-.3865
-.064	-.4344
-.043	-.4753
-.021	-.4883
.000	-.5129

ALPHA( 8 ) = -3.950 BETA( 5 ) = 0.110

SECTION ( 1 ) 308. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	.0870	.0950	.1020	.1100	.1160	.1260	.1330	.7660	.7960	.8040	.8110	.8190	.8270	.8350	.8900
-.277												.2844	.2623	.2112	.1440	
-.236							.2429					.2841	.2494	.1819	.0869	
-.234							.2438		.0374			.2791	.2340	.1172	.0245	
-.213							.2679		.0110			.2781				
-.192							.0000		-.0247			.2642	.1306	-.0764	-.0299	
-.170							.2448		-.0446			.2147	.0111	-.2274	-.3750	
-.149												.1183	-.1310	-.3792	-.4704	
-.107																-.5424
-.085																-.5109
-.064						.0000	.0000	.0000								-.5093
-.043			.0000	.0000	.0000	.0000	.0000	.0000								-.5141
-.021			.0000	.0000	.0000	.0000	.0000	.0000								-.4121
-.000			.0000	.0000	.0000	.0000	.0000	.0000								-.3630
-.000			.0000	.0000	.0000	.0000	.0000	.0000								-.2897

X/LB	Y/LB
.0980	.0980
.107	-.4451
-.088	-.3886
-.064	-.3918
-.043	-.3618
-.021	-.3358
.000	-.4468



DATE ON JAN 75 TABULATE PRESSURE DATA - IAI44 - VOL. 10

ARCII-710 IAI4 01-110+SIGN25 DRB ATTACH PTS (RB1150)

ALPHA ( 1 ) = -.340 BETA ( 1 ) = -6.000  
SECTION ( 1 ) DRB ATTACH POINTS DEPENDENT VARIABLE C  
X/LB .0870 .0950 .1020 .1100 .1180 .1260 .133 .7880 .7960 .8040 .8120 .8190 .8270 .8350 .8500

Y/LB  
-.877  
-.856  
-.834  
-.813  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
X/LB .6580  
Y/LB  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.3402  
-.4582  
-.4050  
-.4114  
-.4293  
-.3745

ALPHA ( 2 ) = -.350 BETA ( 2 ) = -4.020  
SECTION ( 1 ) DRB ATTACH POINTS DEPENDENT VARIABLE CP  
X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8120 .8190 .8270 .8350 .8500

Y/LB  
-.877  
-.856  
-.834  
-.813  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
X/LB .6580  
Y/LB  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.1424  
-.1795  
-.2115  
-.2568  
-.3143  
-.4639  
-.5400  
-.5320  
-.4071  
-.4089  
-.2433  
-.2494  
-.1922  
-.1936

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ASC11-716 1A14 01+712+512N25 ORB ATTACH PTS (RB1150)

ALPHA( 3 ) = -.330 BETA( 2 ) = -4.020

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BA

-107	-1583
-108	-4711
-109	-4190
-143	-4174
-181	-4374
1000	-3999

ALPHA( 3 ) = -.360 BETA( 3 ) = .040

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BA

-877														
-896														
-234														
-213														
-192														
-170														
-149														
-137														
-105														
-164														
-243														
-321														
1000														

X/LB .8500

Y/BA

-107	-3497
-108	-4821
-109	-4848
-143	-4821
-181	-4539
1000	-4330



(R01150)

ORB ATTACH PTS

ARC11-716 [A14 01\*712+512\*25

ALPHA ( 3 ) = -.360 BETA ( 4 ) = 4.080

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	0.0970	.1025	.1100	.1163	.1260	.1330	.7860	.7961	.8040	.8110	.8190	.8270	.8350	.8500
-.877	.2564														
-.856	.2557														
-.834	.2528														
-.813	.2483	.1974													
-.792	.2412	.2035	.0739												
-.770	.2104	.2104													
-.749	.2304														
-.727	.1395														
-.705	-.0895														
-.684	-.1187														
-.663	-.2401														
-.641	-.1381														
-.621	-.1561														
-.600	-.1605														

X/LB .6560

Y/LB	-.107	-.4165	-.068	-.3734	-.064	-.4186	-.043	-.4484	-.021	-.4420	.000	-.4816
.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

ALPHA ( 3 ) = -.360 BETA ( 5 ) = 8.120

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	Y/LB	0.0970	.1020	.1100	.1190	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877	.3316														
-.856	.3308														
-.834	.3345														
-.813	.3469	.2956													
-.792	.3289	.2855	.1835												
-.770	.3197	.2773													
-.749	.2819														
-.727	.1992														
-.705	-.0971														
-.684	-.1301														
-.663	-.1621														
-.641	-.1836														
-.621	-.1975														
-.600	-.3289														

X/LB .8570



TABULATED PRESSURE DATA - DATA - VOL. 10

(RB1150)

DB ATTACH PYS

ARC1-716 DATA DUT12-512-25

ALPHA ( 4 ) = 4.010 BETA ( 3 ) = -4.530

SECTION ( 1 ) DB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	X/B	.0870	.0850	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877															
-.836															
-.834															
-.813															
-.192															
-.170															
-.149															
-.107															
-.085															
-.084															
-.043															
-.021															
.000															
Y/B	X/B														
-.107															
-.085															
-.084															
-.043															
-.021															
.000															

ALPHA ( 4 ) = 4.050 BETA ( 3 ) = .040

SECTION ( 1 ) DB ATTACH POINTS DEPENDENT VARIABLE CP

Y/B	X/B	.0870	.0850	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
-.877															
-.836															
-.834															
-.813															
-.192															
-.170															
-.149															
-.107															
-.085															
-.084															
-.043															
-.021															
.000															
Y/B	X/B														
-.877															
-.836															
-.834															
-.813															
-.192															
-.170															
-.149															
-.107															
-.085															
-.084															
-.043															
-.021															
.000															

Y/B



(RB1150)

ORB ATTACH PTS

ARC11-716 IA14 O1+T12+S12N25

ALPHA( 4 ) = 4.050 BETA( 3 ) = .040

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .6560

Y/BW

-.107 -.3373  
 -.065 -.3742  
 -.064 -.4408  
 -.043 -.4160  
 -.021 -.4543  
 .000 -.4318

ALPHA( 4 ) = 4.050 BETA( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1080 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BW

-.277  
 -.256  
 -.234  
 -.213  
 -.192  
 -.170  
 -.148  
 -.107  
 -.085  
 -.064  
 -.043  
 -.021  
 .000

.2909 .2556 .2054 .1363  
 .2890 .2432 .1798 .0841  
 .2830 .2342 .1192 .0216  
 .2840  
 .2780 .1502 -.0582 -.2116  
 .2496 .0597 -.1956 -.3310  
 .1842 -.0582 -.3308 -.4364  
 -.0499 -.2117 -.4046 -.5812 -.5311  
 -.0804 -.2125 -.3569 -.4663 -.5081  
 -.1010 -.2048 -.3162 -.3988 -.4339  
 -.1188 -.1952 -.2802 -.2985 -.3800  
 -.1238 -.1894 -.2359 -.2893 -.2418

X/LB .6560

Y/BW

-.107 -.4043  
 -.085 -.3339  
 -.064 -.3819  
 -.043 -.3886  
 -.021 -.3951  
 .000 -.4475

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(RB1150)

ALPHA( 4 ) = 4.000 BETA( 5 ) = 6.170

ARC11-716 IA14 01+T12+S12MS

ORB ATTACH PTS

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277								.3596	.3622	.3673	.3696	.3718	
	-.256							.3092	.3637	.3605	.3196	.2482	.1490	
	-.234							.2914	.3628	.3605	.3096	.1881	.0860	
	-.213						.2233	.2790	.3484	.3613				
	-.192							.0000	.3248	.3605	.2243	.0036	-.1447	
	-.170							.3484	.3248	.3248	.1193	-.1424	-.3009	
	-.149								.2358	.3248	-.0301	-.3049	-.4066	
	-.107													
	-.085													
	-.064			.0000	.0000	.0000	.0000							
	-.043		.0000	.0000	.0000	.0000	.0000							
	-.021		.0000	.0000	.0000	.0000	.0000							
	.000	.0000	.0000	.0000	.0000	.0000	.0000							

X/LB .8580

Y/BW	-.107	-.4549	-.4007	-.4002	-.3949	-.2346	-.3386

ALPHA( 5 ) = 6.000 BETA( 1 ) = -6.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277													
	-.256													
	-.234													
	-.213													
	-.192													
	-.170													
	-.149													
	-.107													
	-.085													
	-.064			.0000	.0000	.0000	.0000							
	-.043		.0000	.0000	.0000	.0000	.0000							
	-.021		.0000	.0000	.0000	.0000	.0000							
	.000	.0000	.0000	.0000	.0000	.0000	.0000							

X/LB .8520

DATE 09 JAN 75 TABULATED PRESSURE DATA - I414A - VOL. 10

ARC11-716 I414 01+112+12N25 ORB ATTACH PTS (R011190)

ALPHA( 5) = 8.000 BETA( 1) = -8.030

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8580

Y/BW
-.107
-.088
-.064
-.043
-.021
.000

ALPHA( 5) = 8.000 BETA( 2) = -3.900

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8900

Y/BW														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.107														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .8580

Y/BW
-.107
-.085
-.064
-.043
-.021
.000



ARC11-716 IAI4 01+T12+312R25 ORB ATTACH PTS (R81150)

ALPHA( 5) = 7.810 BETA( 3) = .040

SECTION ( 1) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.90	.8270	.8350	.8500
Y/BW															
								.0804		.0626	.0561	.0103	.0355	-.0021	
									.0727	.0554	.0306	-.0156	-.0727	-.1319	
										.0535	-.0045	-.0429	-.1236	-.1730	
										.0000	-.0297	-.1368	-.2398	-.2487	
										.0538	-.0302	-.1918	-.3082	-.2361	
											-.0289	-.2214	-.3559	-.2484	-.3363
											.0053	-.0986	-.2507	-.3659	-.3937
											.0069	-.0725	-.1862	-.2829	-.3745
											.0098	-.0560	-.1401	-.1878	-.3542
											.0098	-.0464	-.0909	-.1608	-.2297
											.0098	-.0392	-.0676	-.2257	-.1675

X/LB .8580

Y/BW
-.1107
-.3373
-.085
-.3830
-.064
-.4394
-.043
-.4065
-.021
-.4434
.000
-.4137

ALPHA( 5) = 8.000 BETA( 4) = 4.130

SECTION ( 1) ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
								.1600		.2696	.2696	.2372	.1890	.1286	
									.2677	.2690	.2690	.2333	.1873	.0774	
									.2677	.2632	.2632	.2198	.1076	.0147	
										.0000	.2540	.1390	-.0613	-.2071	
									.2129	.2476	.2244	-.0486	-.1968	-.3446	
											.1678	-.0691	-.3297	-.4273	-.5061
											-.0636	-.2215	-.4947	-.5085	-.4857
											-.0939	-.2180	-.3563	-.4548	-.4694
											-.1125	-.2074	-.3146	-.3848	-.4133
											-.1237	-.1943	-.2760	-.2898	-.3653
											-.1242	-.1364	-.2314	-.2807	-.2445

X/LB .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - IA14A - VOL. 10

ARC11-716 IA14 01+T12+S12NS3 (R01150)

ORB ATTACH PTS

ALPHA( 5 ) = 0.000 BETA( 4 ) = 4.130

SECTION ( 1 ): ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.6360
Y/BW	
	-.107
	-.3876
	-.085
	-.3516
	-.064
	-.3499
	-.043
	-.3626
	-.021
	-.3671
	.000
	-.4331

ALPHA( 5 ) = 7.980 BETA( 5 ) = 0.220

SECTION ( 1 ): ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7980	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW														
	-.877							.1981	.2545	.3259	.2960	.2444	.1771	
	-.256							.3147	.3309	.3259	.2918	.2282	.1286	
	-.234							.2222	.3334	.3369	.2891	.1687	.0708	
	-.213							.3354	.3448	.3448	.3448			
	-.192							.0000	.0000	.3451	.2176	.0024	-.1585	
	-.170							.3325	.3128	.3128	.1200	-.1398	-.3098	
	-.148								.2364	-.0198	-.2979	-.4136		
	-.107													
	-.085													
	-.064													
	-.043													
	-.021													
	.000													
	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

X/LB	.6500
Y/BW	
	-.107
	-.4760
	-.085
	-.4406
	-.064
	-.4246
	-.043
	-.4422
	-.021
	-.3168
	.000
	-.3100



ARC11-716 1A14 01+T12+S12M25      ORB ATTACH PTS      (R01151)      ( 15 FEB 74 )

REFERENCE DATA

BRP = 2.4210 58. FT.      ZMRP = 22 5800 INCHES      MACH = 1.400      ELEVON = .000  
 LREF = 38.7090 INCHES      YMRP = .0000 INCHES      RUDDER = .000      SFDRBK = .000  
 BRP = 38.7090 INCHES      ZMRP = .0000 INCHES  
 SCALE = .0300 SCALE

ALPHA( 1 ) = -7.890      BETA( 1 ) = -8.050

PARAMETRIC DATA

SECTION ( 1 ) ORB. ATTACH POINTS      DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/BW															
- .877															
- .856															
- .234															
- .213															
- .192															
- .149															
- .107															
- .085															
- .064															
- .043															
- .021															
.000															

X/LB      .8580

Y/BW

- .107      - .4422  
 - .085      - .3522  
 - .064      - .3068  
 - .043      - .3032  
 - .021      - .3170  
 .000      - .2909

ALPHA( 1 ) = -7.890      BETA( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS      DEPENDENT VARIABLE CP

X/LB	.0870	.0930	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8300
Y/BW															
- .277															
- .256															
- .234															
- .213															
- .192															
- .149															
- .107															
- .085															
- .064															
- .043															
- .021															
.000															



ARC11-716 IA14 01+712+312425 ORB ATTACH PTS (RB1151)

ALPHA( 1 ) = -7.080 BETA( 2 ) = -4.010

SECTION ( 1 ) : ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.107										.0195	.0305	-.1097	-.2409	-.4192
	-.083			.0000	.0000	.0000	.0000				-.1353	.0218	-.0350	-.1572	-.3292
	-.084	.0000	.0000	.0000	.0000	.0000	.0000				-.1705	-.0897	-.0316	-.0811	-.1768
	-.043	.0000	.0000	.0000	.0000	.0000	.0000				-.1387	-.1721	-.0643	-.0726	-.1393
	-.021	.0000	.0000	.0000	.0000	.0000	.0000				-.0974	-.1569	-.1603	-.0890	-.1514
	.000	.0000	.0000	.0000	.0000	.0000	.0000								

X/LB .8580

Y/BW
-.107
-.083
-.084
-.043
-.021
.000

ALPHA( 1 ) = -7.070 BETA( 3 ) = .025

SECTION ( 1 ) : ORB, ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW	-.277										-.1118	-.1351	-.1777	-.2160	
	-.236										-.1088	-.1503	-.2028	-.2547	
	-.234										-.1081	-.1674	-.2211	-.3059	
	-.813										-.1130				
	-.192										-.1047	-.2089	-.3276	-.3889	
	-.170										-.0839	-.2206	-.3757	-.4353	
	-.148										-.0332	-.1964	-.3734	-.4302	
	-.107										-.0157	-.0106	-.1480	-.2874	-.4543
	-.064										-.1526	-.0182	-.0871	-.2073	-.3776
	-.043	.0000	.0000	.0000	.0000	.0000	.0000				-.2199	-.0920	-.0505	-.1135	-.2853
	-.021	.0000	.0000	.0000	.0000	.0000	.0000				-.2026	-.1934	-.0311	-.0790	-.1297
	.000	.0000	.0000	.0000	.0000	.0000	.0000				-.1664	-.1964	-.1116	-.0795	-.1803

X/LB .8580

Y/BW
-.107
-.083
-.084
-.043
-.021
.000



ARC11-716 1A14 01+112+312M25 (R01151)

ALPHA( 1 ) = -7.870 BETA( 3 ) = .020

SECTION ( 1 )ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/BL  
-.081 -.3036  
.000 -.2887

ALPHA( 1 ) = -7.870 BETA( 4 ) = 4.110

SECTION ( 1 )ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670 .0950 .1080 .1100 .1180 .1260 .1330 .7860 .7960 .8040 .8110 .8190 .8270 .8330 .8500

Y/BL  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.036

.0757 -.1399 -.1709 -.0774  
-.1256 -.1722 -.0806 -.0368  
-.0349 -.1110 -.1710 -.0926 -.0299 -.0615  
-.0183 -.1031 -.1731 -.1263  
-.1799 .0000 .0101 .0120 -.1168 -.2442  
-.0545 .0653 -.0476 -.2373 -.3504  
.0376 -.1387 -.3382 -.4203  
-.5131  
-.1323 -.2329 -.3551 -.4478 -.4985  
-.1500 -.2394 -.3260 -.4073 -.4559  
-.1599 -.2371 -.3011 -.3589 -.3893  
-.1636 -.2281 -.2802 -.2712 -.3346  
-.1669 -.2209 -.2474 -.3196 -.2877

X/LB .0580

Y/BL  
-.107 -.4830  
-.085 -.4485  
-.084 -.4668  
-.043 -.4173  
-.021 -.3939  
.000 -.4173

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ARC11-716 IAI14 01+112+SI2N25 ORB ATTACH PTS (RB1151)

ALPHA( 1 ) = -7.890 BETAG ( 5 ) = 8.180

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-277											-0.0299	-0.1021	-0.1555	-0.0357	
-286										-0.0087	-0.0848	-0.1556	-0.0427	0.0086	
-234								0.0249	-0.0673	-0.1498	-0.1498	-0.1058	0.0337	-0.0165	
-213								0.0677	-0.0556	-0.1514	-0.1981				
-192									-0.0900	0.0900	-0.0955	0.1182	-0.0525	-0.2064	
-170									-0.1319	-0.2477	0.1094	0.0521	-0.1842	-0.3262	
-148											0.1082	-0.0628	-0.3977	-0.4119	
-107											-0.0900	-0.2296	-0.4038	-0.5065	-0.5546
-085				0.0000	0.0000	0.0000	0.0000				-0.1260	-0.2462	-0.3838	-0.4836	-0.5394
-064			0.0000	0.0000	0.0000	0.0000	0.0000				-0.1577	-0.2594	-0.3734	-0.4547	-0.5087
-043		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				-0.1888	-0.2552	-0.3628	-0.4277	-0.4306
-021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				-0.2053	-0.2596	-0.3269	-0.3555	-0.2914
000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000								

X/LB .8580

Y/BW

-107	-0.5394
-085	-0.5468
-064	-0.5345
-043	-0.5138
-021	-0.3811
000	-0.3951

ALPHA( 2 ) = -3.980 BETAG ( 1 ) = -8.060

SECTION ( 2 ) ORB ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0940	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BW															
-277											-0.1114	-0.1578	-0.1882	-0.1953	
-286										-0.1363	-0.1318	-0.1815	-0.2319	-0.2480	
-234								-0.0568	-0.1505	-0.1553	-0.2262	-0.2774	-0.3004		
-213									-0.1070	-0.1070	-0.1592				
-192								-0.0900	0.0000	0.0000	-0.1127	-0.2777	-0.4292	-0.4838	
-170									0.0339	0.0339	-0.0210	-0.2250	-0.4159	-0.4948	
-148										0.0331	0.0974	-0.1330	-0.3547	-0.4329	
-107											0.1191	0.1009	-0.0382	-0.1640	-0.2692
-085				0.0000	0.0000	0.0000	0.0000				-0.0329	-0.0977	0.0198	-0.0736	-0.1852
-064			0.0000	0.0000	0.0000	0.0000	0.0000				-0.1006	0.0044	0.0531	-0.0124	-0.1021
-043		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				-0.0810	-0.0918	0.0393	-0.0069	-0.0843
-021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				-0.0516	-0.0868	-0.0729	-0.0253	-0.0709
000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000								

X/LB .8580



DATE 09 JAN 75 TABULATED PRESSURE DATA - IAL14 - VOL. 10

ARC11-716 IAL14 01+112+312M25 ORB ATTACH PTS (RB1151)

ALPHA( 2 ) = -5.990 BETA( 1 ) = -8.060

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .8500

Y/BL  
-.107  
-.085  
-.064  
-.043  
-.021  
.000

ALPHA( 2 ) = -3.990 BETA( 2 ) = -4.030

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7800 .7960 .8040 .8110 .8190 .8270 .8350 .8500

Y/BL  
-.877  
-.836  
-.834  
-.813  
-.792  
-.770  
-.749  
-.707  
-.693  
-.664  
-.643  
-.621  
.000  
-.1173  
-.1276  
-.1322  
-.1329  
-.1198  
-.0632  
.0210  
.0812  
-.0144  
-.1254  
-.1210  
-.0923  
-.1484  
-.1652  
-.1905  
-.2479  
-.2361  
-.1733  
.0406  
.0450  
.0054  
-.1093  
-.1261  
-.1046  
-.2172  
-.2513  
-.3027  
-.3650  
-.4131  
-.3779  
-.2804  
-.1309  
-.0575  
.0272  
-.0683  
-.2093  
-.2311  
-.3027  
-.4292  
-.4703  
-.4391  
-.3884  
-.3091  
-.2291  
-.1486  
-.1033  
-.1072

X/LB .8500

Y/BL  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.877  
-.836  
-.834  
-.813  
-.792  
-.770  
-.749  
-.707  
-.693  
-.664  
-.643  
-.621  
.000

(RB1151)

ORB ATTACH PTS

ARC11-716 IAI4 OI+TIE-SIENES

ALPHA( 2 ) = -3.850 BETA( 3 ) = .040

SECTION ( 1 ) : ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB															
V/B															
	-.877										-.0515	-.0811	-.1139	-.1378	
	-.856									-.0395	-.0639	-.1018	-.1411	-.1817	
	-.834									-.0367	-.0434	-.0758	-.1239	-.1717	-.2319
	-.813									-.0568	-.0332	-.0423	-.0849		
	-.192									-.0291	-.0900	-.0853	-.1833	-.2793	-.3072
	-.170									-.0190	-.0685	-.2078	-.3400	-.5202	
	-.148									-.0374	-.1988	-.3540	-.5548		-.4305
	-.107										.9522	.0006	-.1307	-.2855	-.3700
	-.085										-.0430	-.0211	-.0923	-.2142	-.2887
	-.064										-.0104	-.0298	-.0614	-.1301	-.2487
	-.043										-.0839	.0119	-.0285	-.0978	-.1439
	-.021										-.1028	-.0463	-.0010	-.1444	-.1391
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000							

X/LB .8560

Y/LB

	-.107	-.3988
	-.045	-.4002
	-.064	-.3732
	-.043	-.3007
	-.021	-.3104
	.000	-.2956

ALPHA( 2 ) = -3.870 BETA( 4 ) = 4.090

SECTION ( 1 ) : ORB. ATTACH POINTS DEPENDENT VARIABLE CF

X/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7860	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB															
V/B															
	-.877										-.0357	-.0758	.0638	.1088	
	-.856									-.0229	-.0827	-.0069	-.1059	.0678	
	-.834									.0072	-.0692	-.0830	.0989	.0686	.0164
	-.813									.0275	-.0635	-.1199	.0429		
	-.192										.0000	.1092	.0818	-.0653	-.1982
	-.170									-.1282	.0558	.1940	-.0028	-.1918	-.3129
	-.148										.0421	-.0986	-.3000	-.3811	
	-.107														-.4548
	-.085										-.1147	-.1983	-.3287	-.4147	-.4548
	-.064										-.1317	-.1965	-.2913	-.3726	-.4834
	-.043										-.1409	-.1923	-.2827	-.3274	-.3832
	-.021										-.1478	-.1873	-.2443	-.2447	-.3234
	.000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			-.1459	-.1898	-.2173	-.3016	-.2349

X/LB .8560



DATE 09 JAN 75 TABULATED PRESSURE DATA - 1A14A - VOL. 1D

(R01151)

ORIG ATTACH PTS

ARC11-716 1A14 D1+T12+312423

ALPHA ( 2 ) = -3.070 BETA ( 4 ) = 4.090

SECTION ( 1 ) ORG. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB -8960

Y/LB

- 107 -3339
- 088 -3517
- 084 -4129
- 043 -3990
- 021 -3706
- .000 -3816

ALPHA ( 2 ) = -4.000 BETA ( 5 ) = 0.150

SECTION ( 1 ) ORG. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB

.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7000	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/LB														
-277									.0176	.0005	-.0697	-.0600	.1700	
-256								.0495	-.0433	-.0592	-.1083	.0872	.1436	
-234								.0309	-.1280	-.1225	.0245	.0895	.0745	
-213							.0469	.0309	-.1280	-.1216				
-192								-.1205	.0000	.0862	.1511	-.0203	-.1670	
-170								-.2116	-.0000	.1576	.0817	-.1315	-.2961	
-149										.1415	-.0329	-.2703	-.3046	
-107										-.0480	-.2223	-.3927	-.4916	-.5421
-065										-.0805	-.2471	-.3763	-.4721	-.5102
-064										-.1212	-.2644	-.3683	-.4300	-.4741
-043										-.1502	-.2681	-.3493	-.3922	-.3870
-021										-.1673	-.2752	-.3200	-.3095	-.2433
.000														

X/LB -8560

Y/LB

- 107 -4819
- 089 -4090
- 084 -4813
- 043 -4560
- 021 -3566
- .000 -3688

ARC11-716 IAL14 2A-T12-S12N25 ORS ATTACHETS (R01151)

ALPHA ( 3 ) = -.370 BETA ( 1 ) = -8.150

SECTION ( 1 ) ORS ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BL														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.127														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .8500

Y/BL

-.107	-.3991
-.085	-.3087
-.064	-.2694
-.043	-.2719
-.021	-.2094
.000	-.2422

ALPHA ( 3 ) = -.300 BETA ( 2 ) = -4.010

SECTION ( 1 ) ORS ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0070	.0950	.1020	.1100	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BL														
-.277														
-.256														
-.234														
-.213														
-.192														
-.170														
-.149														
-.127														
-.085														
-.064														
-.043														
-.021														
.000														

X/LB .8500

Y/BL

-.277	-.0996
-.256	-.1300
-.234	-.1255
-.213	-.1602
-.192	-.1829
-.170	-.1929
-.149	-.2162
-.127	-.2475
-.085	-.0916
-.064	-.0916
-.043	-.0916
-.021	-.0916
.000	-.0916



TA. CALATED PRESSURE DATA - 1A14A - VOL. 10

ORB ATTACH PTS

(RB1151)

DATE 09 JAN 75

ARC11-716 1A14 01+112+312MS

ALPHA ( 3 ) = -.390 BETA ( 2 ) = -4.010

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/L3 .0500

Y/BW  
 -.107 -.4144  
 -.043 -.3417  
 -.064 -.2845  
 -.043 -.2740  
 -.021 -.2527  
 .000 -.2393

ALPHA ( 3 ) = -.390 BETA ( 3 ) = .030

SECTION ( 3 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/L3 .0870 .0930 .1020 .1100 .1180 .1260 .1330

Y/BW  
 -.277  
 -.256  
 -.234  
 -.213  
 -.198  
 -.170  
 -.149  
 -.107  
 -.085  
 -.064  
 .043  
 -.021  
 .000

.0870 .0930 .1020 .1100 .1180 .1260 .1330  
 .7960 .7660 .7440 .7220 .7000 .6780 .6560  
 .8110 .8190 .8270 .8350 .8430 .8510 .8590  
 .0000 -.0125 -.0363 -.0555  
 -.0108 -.0385 -.0704 -.0978  
 -.0236 -.0670 -.1132 -.1376  
 .0174 .0036 -.0378  
 .0152 .0000 -.0465 -.1412 -.2110 -.1963  
 .0158 .0206 -.0385 -.1731 -.2782 -.1922  
 -.0175 -.1758 -.3127 -.2496  
 .0448 -.0199 -.1575 -.2718 -.3480  
 .0475 -.0005 -.0984 -.1975 -.2721  
 .0469 .0119 -.0624 -.1068 -.2402  
 .0313 .0194 -.0226 -.0783 -.1321  
 -.0076 .0247 -.0014 -.1589 -.1037

K/L3 .0500

Y/BW  
 -.107 -.2732  
 -.043 -.3358  
 -.064 -.3170  
 -.043 -.2923  
 -.021 -.3139  
 .000 -.2974

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ARC11-716 IAI4 OI+I2+S12N25

ORB ATTACH PTS

ALPHA( 3 ) = -.400 BETA( 4 ) = 4.090

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CF

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500	.8580
Y/BW																
-.877																
-.856																
-.834																
-.813																
-.792																
-.770																
-.749																
-.727																
-.705																
-.684																
-.663																
-.641																
-.620																
-.600																
-.580																
-.560																
-.540																
-.520																
-.500																
-.480																
-.460																
-.440																
-.420																
-.400																

X/LB .6580

Y/BW	.3081	.3111	.3754	.3823	.3290	.3605
-.107						
-.085						
-.064						
-.043						
-.021						
.000						

ALPHA( 3 ) = -.400 BETA( 5 ) = 6.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

K/LB	.0870	.0950	.1020	.1100	.1180	.1260	.1330	.7800	.7960	.8040	.8110	.8190	.8270	.8350	.8500	.8580
Y/BW																
-.877																
-.856																
-.834																
-.813																
-.792																
-.770																
-.749																
-.727																
-.705																
-.684																
-.663																
-.641																
-.620																
-.600																
-.580																
-.560																
-.540																
-.520																
-.500																
-.480																
-.460																
-.440																
-.420																
-.400																

X/LB .8880



(RB1151)

ORB ATTACH PTS

ARC11-716 IA14 01+112+512M25

ALPHA ( 3 ) = -.400 BETA ( 5 ) = 0.140

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/BW

-.107 -.3310  
-.085 -.2932  
-.064 -.2692  
-.043 -.2461  
-.021 -.1758  
.000 -.1263

ALPHA ( 4 ) = 4.110 BETA ( 1 ) = -0.070

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0950 .1020 .1100 .1180 .1260 .1330 .7880 .7960 .8040 .8110 .8190 .8270 .8350 .8530

Y/BW

-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.277  
-.256  
-.234  
-.213  
-.192  
-.170  
-.149  
-.107  
-.085  
-.064  
-.043  
-.021  
.000  
-.0466  
-.0911  
-.1246  
-.1390  
-.0071  
-.0655  
-.1365  
-.1928  
-.2011  
.0037  
-.0011  
-.0746  
-.1768  
-.2524  
-.2708  
.0661  
.0318  
-.0086  
-.0721  
.0850  
.0000  
-.0396  
-.2144  
-.3773  
-.4382  
.1021  
.0443  
-.1610  
-.3560  
-.4375  
.1348  
-.0682  
-.2861  
-.3398  
-.2836  
.2166  
.1609  
.0388  
-.0767  
-.1943  
.1908  
.1627  
.0873  
-.0059  
-.1035  
.1134  
.1620  
.1112  
.0258  
-.0260  
.0691  
.1089  
.1981  
.0031  
-.0111  
.0835  
.0759  
.0656  
.0303  
.0624

X/LB .0500

Y/BW

-.107 -.3308  
-.085 -.2719  
-.064 -.2421  
-.043 -.2473  
-.021 -.2354  
.000 -.1876





ARC11-716 1A14 G1+T12+81825 (RB1151) ORB ATTACH PTS

ALPHA( 4) = 4.090 BETA( 5) = 6.180

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0470	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
								.8758	.3505	.4247	.4378	.4125	.3727	.3119	
								.3242	.4433	.4378	.4378	.4005	.2821	.2094	
								.3180	.0000	.4105	.4367	.3186	.1256	-.0096	
											.3964	.2208	-.0108	-.1625	
											.3206	.0850	-.1630	-.2632	-.4244
											.0132	-.1545	-.3388	-.4368	-.4190
						.0000	.0000				-.0161	-.1623	-.3103	-.4090	-.4042
			.0000	.0000	.0000	.0000	.0000				-.0578	-.1719	-.2880	-.3596	-.3638
			.0000	.0000	.0000	.0000	.0000				-.0933	-.1696	-.2596	-.3250	-.3465
			.0000	.0000	.0000	.0000	.0000				-.1142	-.1735	-.2265	-.2156	-.2005

X/LB .8560

Y/BW

	-.107	-.3185
	-.085	-.2831
	-.064	-.2792
	-.043	-.2686
	-.021	-.1385
	.000	-.2012

ALPHA( 5) = 6.010 BETA( 1) = -8.050

SECTION ( 1) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0470	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8900
Y/BW															
								.0408	.0195	-.0081	-.0618	-.1262	-.1740	-.1875	
								.0371	-.0001	-.0627	-.0627	-.1656	-.2398	-.2495	
								.0603	.0000	.1007	.0457	-.1467	-.3405	-.4288	
											.1265	-.0579	-.2744	-.3528	-.2827
											.1955	.1417	.0325	-.0732	-.1947
											.1672	.1353	.0798	-.0056	-.1030
			.0000	.0000	.0000	.0000	.0000				.1060	.1216	.1000	.0275	-.0256
			.0000	.0000	.0000	.0000	.0000				.0757	-.663	.1100	.0121	.0004
			.0000	.0000	.0000	.0000	.0000				.0916	.0441	.0395	.0682	.0890

X/LB .8560



DATE 09 JAN 78 TABULATED PRESSURE DATA - 1A14A - VOL. 10

(RB1131)

ORB ATTACH PTS

ARC11-716 1A14 01\*112\*512N25

ALPHA ( 3 ) = 0.010 BETA ( 1 ) = -0.050

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0500

Y/BW
-.107
-.085
-.064
-.043
-.021
.000

ALPHA ( 3 ) = 0.010 BETA ( 2 ) = -4.010

SECTION ( 1 ) ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0670

Y/BW
-.277
-.256
-.234
-.213
-.192
-.170
-.149
-.107
-.085
-.064
-.043
-.021
.000

X/LB .0580

Y/BW
-.137
-.085
-.064
-.043
-.021
.000

.0321	.0333	.0519	.0687	.0879	.0950	.1110	.1180	.1250	.1330	.7680	.7960	.8040	.8110	.8190	.8270	.8350	.8500							
.0118	-.0342	-.0707	-.1037	-.1392	-.1712	.1104	.0320	-.0591	-.1860	.1573	.1154	.0593	-.0043	-.1681	.0911	.1020	.0838	-.0144	-.0100	.0728	.0783	.0617	-.0123	.0234

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(R81151)

ORB ATTACH PTS

ARC11-716 IA14 O1+T12+S12M25

ALPHA( 5) = 8.020 BETA( 3) = .030

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
-.877								.0831	.0540	.0800	-.0145				
-.856								.0659	.0276	-.0103	-.0533				
-.834								.0492	.0030	-.0683	-.0890				
-.813								.0316							
-.192			.1029					.0212	-.0737	-.1479	-.1426				
-.170								.0155	-.1093	-.2047	-.1320				
-.149								.0289	-.1224	-.2460	-.1616				
-.107															
-.085								.0691	-.0050	-.1371	-.2395	-.2899			
-.064								.0698	.0156	-.0837	-.1698	-.2463			
-.043								.0707	.0271	-.0475	-.0630	-.2279			
-.021								.0712	.0332	-.0072	-.0907	-.1308			
.000								.0696	.0369	.0074	-.0988	-.0337			

X/LB .8580

Y/BA
-.107
-.8236
-.085
-.8878
-.064
-.3240
-.043
-.2717
-.021
-.3011
.000
-.2747

ALPHA( 5) = 8.010 BETA( 4) = 4.150

SECTION ( 1)ORB. ATTACH POINTS DEPENDENT VARIABLE CP

X/LB	.0670	.0950	.1020	.1100	.1180	.1260	.1330	.7880	.7960	.8040	.8110	.8190	.8270	.8350	.8500
Y/BA															
-.877								.3294	.3252	.2839	.2328				
-.856								.3291	.3100	.2609	.1842				
-.834								.2886	.3041	.3000	.1993	.1241			
-.813								.2314	.3237	.3317					
-.192			.1905					.3196	.2246	.0492	-.0824				
-.170								.2902	.1449	-.0715	-.2143				
-.149								.2342	.0337	-.1948	-.2949				
-.107															
-.085								.0064	-.1269	-.2886	-.3898	-.3023			
-.064								-.0231	-.1333	-.2333	-.3452	-.3582			
-.043								-.0458	-.1281	-.2193	-.2887	-.3120			
-.021								-.0612	-.1219	-.1900	-.2138	-.2631			
.000								-.0644	-.1152	-.1541	-.1814	-.1698			

X/LB .8980



DATE P4 JAN 73 TABULATED PRESSURE DATA - I414A - VOL. 10

ARC11-716 I414 OL+118+312825 ORB ATTACH PTS (RB1151)

ALPHA ( S ) = 0.010 BETA ( 4 ) = 4.150

SECTION ( 3 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0580

Y/LB	-.107	-.2961
	-.085	-.2596
	-.064	-.2483
	-.043	-.2352
	-.021	-.2289
	.000	-.2232

ALPHA ( S ) = 7.980 BETA ( 5 ) = 8.250

SECTION ( 1 ) ORB ATTACH POINTS DEPENDENT VARIABLE CP

X/LB .0870 .0930 .1020 .1100 .1180 .1260 .1330 .7980 .8190 .8270 .8350 .8500

Y/LB	-.277	.3917	.3942	.3589	.2979
	-.256	.4065	.3949	.3414	.2560
	-.234	.4260	.3962	.2809	.2041
	-.213	.4333	.4333	.3291	.1365
	-.192	.4335	.4335	.2385	.0058
	-.170	.4028	.4028	.2385	.0058
	-.149	.3239	.3239	.1065	-.1465
	-.107	.0202	-.1492	-.3349	-.4416
	-.085	-.0224	-.1572	-.3012	-.4304
	-.064	-.0563	-.1645	-.2749	-.3938
	-.043	-.0858	-.1652	-.2527	-.3399
	-.021	-.1009	-.1703	-.2223	-.2645
	.000				-.2099

X/LB .0580

Y/LB	-.107	-.3424
	-.085	-.3219
	-.064	-.3004
	-.043	-.2843
	-.021	-.2773
	.000	-.2855

ARC11-716 I414 OL+118+312825 ORB ATTACH PTS (RB1151)